iBoss™ Pro

Internet Content Filter

User Manual

iBoss™
Web Filters
www.iBossWebFilters.com

Note: Please refer to the User Manual online for the latest updates at www.iphantom.com.

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1 iBoss Pro Content Filter

1.1 Overview

The iBoss™ Pro is a revolutionary Internet content filter with an optional Wireless-G router/firewall that is powerful and extremely easy to use. It was designed to protect entire computer networks at offices, classrooms, libraries, churches as well as stores. Its fast processor is ideal for managing large networks with high throughput demands to help increase productivity. The iBoss™ Pro blocks access to specific categories of Internet destinations, online applications, and manages time spent using specific online programs (i.e. online chat and messenger programs, file sharing, web browsing). The iBoss™ Pro generates reports on Internet activity which can be viewed and automatically E-mailed. Unlike software solutions, one device guards an entire network and makes tampering difficult. Little computer experience is needed!

1.2 Key Features

- **Comprehensive Web Filtering Through Categories**
- **Wireless G Router**
- **Detailed Reports**
- **Remote Monitoring and Administration**
- **Works Transparently with Existing Firewall**
- **Live Monitoring**
- **Keyword Search Blocking**
- **IM/Application Policies and Blocking**
- **Policy Scheduling**
- **Policies Users/Groups**
- **Real-Time URL Updates**
- **Strong Firewall Protection**
- **Simple & User-Friendly Interface**
- **Plug & Play with No Software to Install**
- **Compatible with any Operating System**

1.3 Manual Structure

This manual includes detailed information and instructions for installing and configuring the iBoss. The "**Getting Started**" section of this manual will guide you through the initial hardware installation and setup process. The "**Configuration**" section of the manual contains detailed instructions for configuring specific settings and customizing preferences.

Note: For quick installation instructions, you may also reference the iBoss Quick Installation Guide included with the product.

1.4 System Requirements

- Broadband (Cable, DSL, T1, FiOS, etc.) Internet service
- Network Adapter for each computer
- Any Major Operating System running a TCP/IP network (i.e. Mac, Windows, Linux, etc.)
- Standard Web Browser
- Active iBoss Subscription

2 Specifications

2.1 iBoss Pro Model Specifications

The iBoss Pro has the following specifications:

Recommended Concurrent Users	1-25
Max # of Identifiable Computers	50
Max # of Identifiable Users	50
Max # of Filtering Groups	5

2.2 Front and Rear Panels

2.2.1 Front Panel

The iBoss™ Pro has the following LEDs on the front panel to inform you of the current status. Below is a description of each LED:

Figure 1 - Front Panel

LED	Light Status	Description
1. PWR	Solid Green	iBoss™ Pro is on/ready
	Off	iBoss™ Pro is powered off
	Flashing Green	iBoss™ Pro is booting up
2. WAN 10/100M	Solid Green	WAN 100Mbps is connected
	Off	WAN 10Mbps is connected
3. WAN LNK/ACT	Solid Green	WAN is connected
	Off	No WAN connection
	Flashing Green	WAN port has activity
4. LAN 10/100M (Ports 1-4)	Solid Green	LAN 100Mbps is connected
	Off	LAN 10Mbps is connected
5. LAN LNK/ACT (Ports 1-4)	Solid Green	LAN is connected
	Off	No LAN connection
	Flashing Green	LAN port has activity
6. WLAN-G	Solid Yellow	Wireless LAN is activated
	Off	Wireless LAN is disabled
	Flashing Yellow	Wireless LAN has activity

2.2.2 Rear Panel

The iBoss™ Pro has 5 Ethernet ports, a reset button and 1 power adapter port located on the back of the device. The 5 Ethernet ports, 4, 3, 2, 1 and WAN are used to implement the iBoss™ Pro within your network scheme.

1. **Reset Button**
2. **Power Adapter Port** - Power Port 12V 1A DC External Adapter
3. **LAN (Local Area Network) Ports** - Four Switched 10/100 Mbps (auto-sensing) Ethernet RJ-45 Ports for the LAN
4. **WAN (Wide Area Network) Port** - One 10/100 Mbps (auto-sensing) Ethernet RJ-45 Port for the WAN

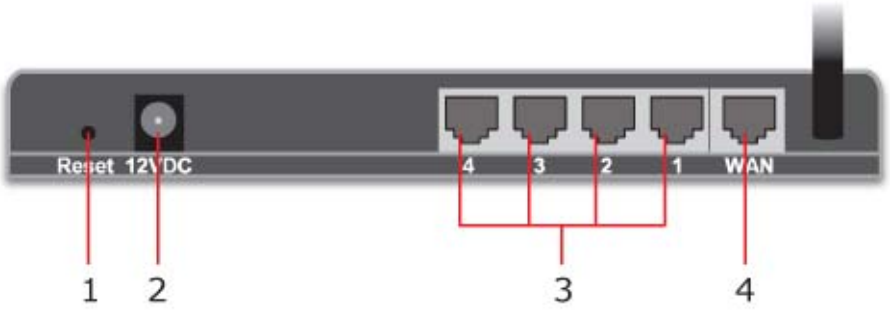


Figure 2 - Rear Panel

3 Getting Started

This section describes initial setup and configuration of the iBoss device. This section contains information that will help you install the iBoss onto your network.

3.1 Hardware Installation

Below are instructions for configuring the iBoss™ Pro to work with your network.

1. Power on the modem, iBoss™ Pro, and computer.
2. Wait for the iBoss™ Pro Power (PWR) LED to turn solid green.
3. Connect an Ethernet cable from the iBoss™ Pro's WAN port to the LAN/Ethernet port of the modem.

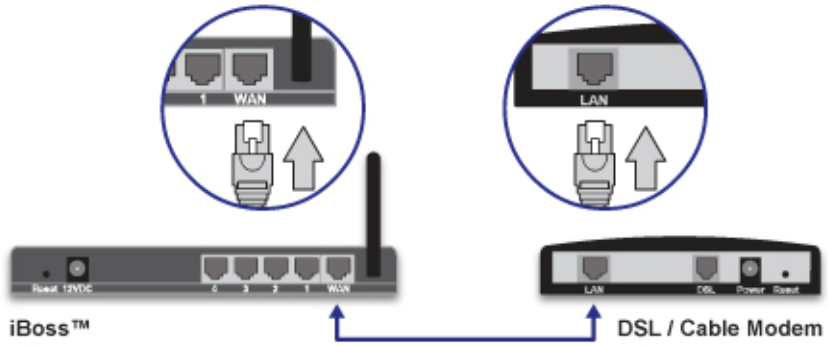


Figure 3 - Hardware Installation 1

4. Connect another Ethernet cable from any of the LAN ports (1 - 4) on the iBoss™ Pro to the Ethernet socket on the computer.

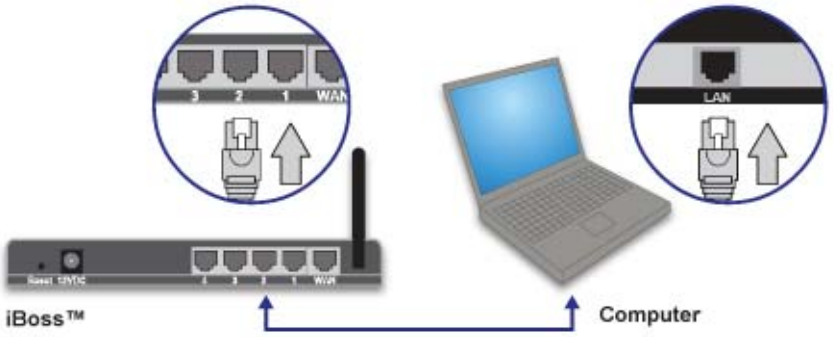


Figure 4 - Hardware Installation 2

5. Check to make sure the iBoss™ Pro's LAN LNK/ACT LED corresponding to your connected computer (1-4) is lit solid green to confirm the cable connections are made correctly.

If your computer is already setup to receive an IP address automatically, you may skip the following "Computer LAN IP Configuration" section.

3.2 Computer LAN IP Configuration

By default the iBoss™ Pro has a local (LAN) gateway of "**192.168.1.1**" with a subnet mask of "**255.255.255.0**" and a DHCP server so that your computer can obtain an IP address automatically. Most computers have their network connection setup to receive an IP address automatically from a DHCP server.

3.2.1 Computer Automatic IP Configuration

Below are instructions for configuring both Windows and Mac computers to obtain an IP address automatically.

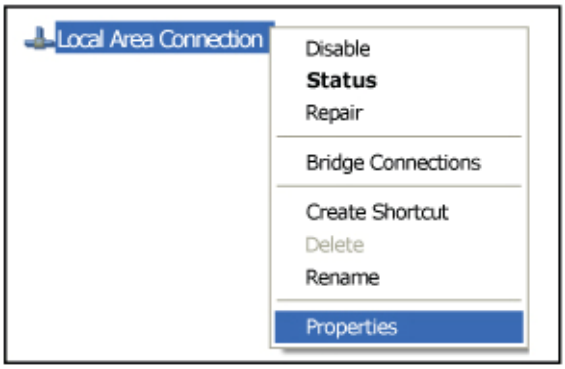
Windows

1. Configure the computer LAN setting to automatically obtain an IP address from the iBoss™ Pro by following the steps below.

· Click "Start" in the task bar then select "Control Panel" to open it.

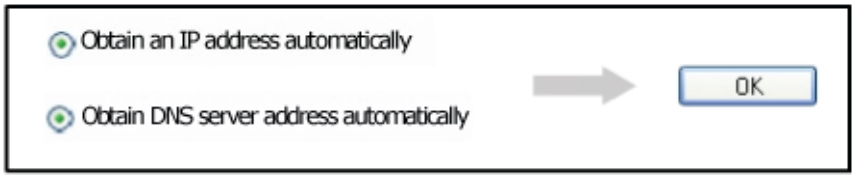
· Find the icon "Network Connections" then Double-Click to open the network connection settings.

· You will see an icon "**Local Area Connection**", Right-Click the mouse to open the sub-menu and select "**Properties**" for setting the IP address.



Select "**Internet Protocol (TCP/IP)**" then click the "**Properties**" button.

· Ensure that the "**Obtain an IP address automatically**" and "**Obtain DNS server address automatically**" options are checked and then press "**OK**" to close.



Mac OS X

Please refer to the following to set your Mac computer to automatically obtain and IP address:

· Choose "**System Preferences**" from the Apple menu. Once the application is started, select "**Network**". Click on the "**TCP/IP**" tab.

· Make sure that the "**Configure**" menu in the "**TCP/IP**" tab is set to "**Using DHCP**".

· Click the "**Apply Now**" button at the bottom of the panel to save the changes you just made and quit the System Preferences application.

Note: You may need to restart your computer for the network connection settings to take effect.

3.2.1.1 iBoss Pro User Interface

The iBoss does not require any software installation. Instead, its user interface can be accessed directly using a standard Internet web browser. The web-based user interface allows you to configure your iBoss.

1. Verify that your computer has an IP address that is on the same subnet as the iBoss IP address, as stated above.
2. Open a standard Internet web browser application (Internet Explorer®, Firefox®, etc.).
3. In the URL address bar, enter the domain http://myiBoss.com and press <enter>. This will take you to the iBoss interface. If the iBoss interface does not load, enter the configured IP address of the iBoss (default: http://192.168.1.1) and press <enter>.

Note: The http://myiBoss.com webpage is built into the iBoss, so it is always accessible even though the Internet may not be. http://myiBoss.com is the configuration portal for the iBoss. You may access the user interface from any computer connected behind the iBoss.

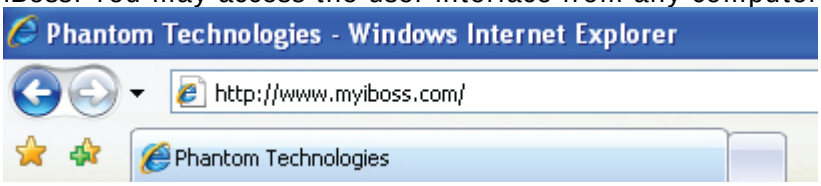


Figure 5 - iBoss User Interface

3.2.1.1.1 *Setup Network Connection*

If your ISP connection is dynamic (DHCP), you may skip the following "WAN Configuration" Section

WAN Configuration

In order to connect to the Internet, you will first need to setup your iBoss™ Pro WAN connection.

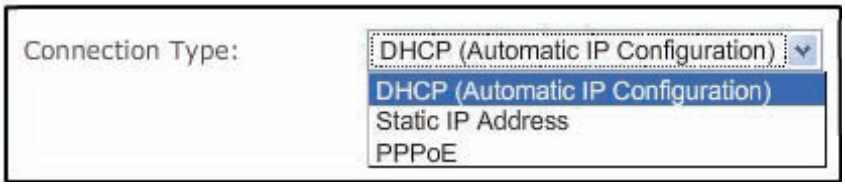
By default the iBoss™ Pro WAN Internet connection is set to use DHCP (obtain an IP address automatically), which is a common configuration. If you need to change the WAN connection type follow the directions below.

1. Log into your iBoss™ Pro and click on "Setup Network Connection" from the main menu.
   (Please refer to the iBoss™ Pro User Interface section on how to log into the iBoss™ Pro)

· Click "Configure Internet Connection".

· Select which connection type you will be using to connect your iBoss™ Pro's WAN port to your ISP (see screen below).

Note: Different ISP's require different methods of connecting to the Internet, please check with your ISP as to the type of connection it requires.



1.1 DHCP (Automatic IP Configuration) - Your ISP will automatically give you and IP address.
1.2 Static IP Address - Your ISP has given you and IP address already.
1.3 PPPoE - Your ISP requires you to use a Point-to-Point Protocol over Ethernet (PPPoE) connection.

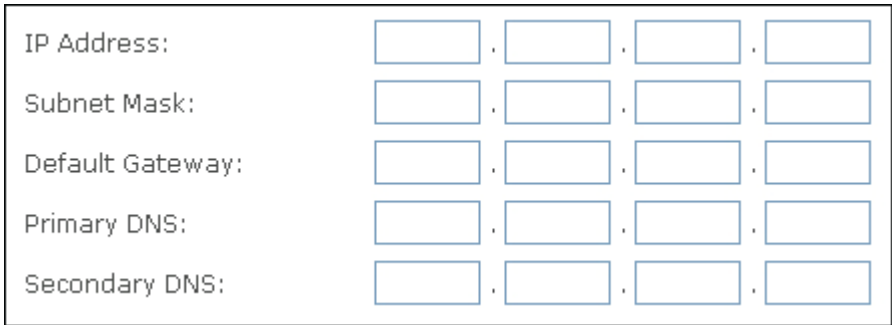
· Select one of the WAN connection types and then proceed to the manual's relevant sub-section.

1.1 DHCP (Automatic IP Configuration)
1.2

· Choose "**DHCP (Automatic IP configuration)**" if your ISP will automatically give you an IP address. Click "**Save**" when you have finished the configuration. You have completed the WAN configuration for the DHCP (Automatic IP configuration) connection type.

1.2 Static IP Address

· Choose "**Static IP Address**" if your ISP has given you a specific IP address for you to use. Your ISP should provide all the information required in this section.

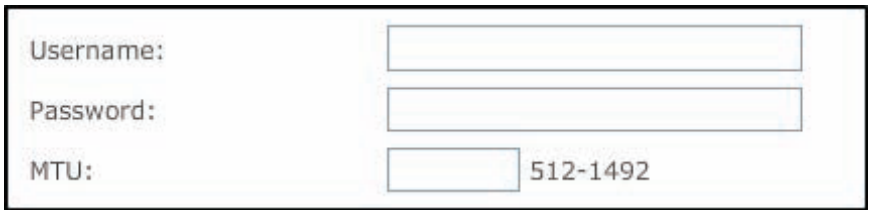


Note: Secondary DNS is not required.

· Click "**Save**" when you have finished the configuration above. You have completed the WAN configuration for the Static IP Address connection type.

1.3 PPPoE

· Choose "**PPPoE**" if your ISP requires the PPPoE protocol to connect you to the Internet. Your ISP should provide all the information required in this section.



· Click "**Save**" when you have finished the configuration above. You have completed the WAN configuration for the PPPoE connection type.

Congratulations! You have completed the WAN configuration for the iBoss™ Pro. After reboot, your iBoss™ Pro is now ready for the Internet connection.

3.3 Choosing an Operation Mode

The iBoss™ Pro has two different modes that it can operate in. You may choose between "**Transparent Mode**" and "**Firewall/Router Mode**". The mode you choose depends on how you intend to use the iBoss™ Pro on your network.

Note: By default the iBoss™ Pro Operation Mode is set to "**Firewall/Router Mode**".

Transparent Mode (Figure A) - You currently have a firewall/router setup and are using the iBoss ™ Pro on the local side of your network between your firewall and a switch/hub. The iBoss™ Pro filters transparently on your network without affecting your existing network topology.

Firewall/Router Mode (Figure B) - You would like the iBoss™ Pro to act as a network sharing firewall/router (with optional DHCP server) and apply filtering for all traffic passing through the firewall (including wireless clients). Pictured is the iBoss Pro80 model.

Figure A (Transparent Mode)

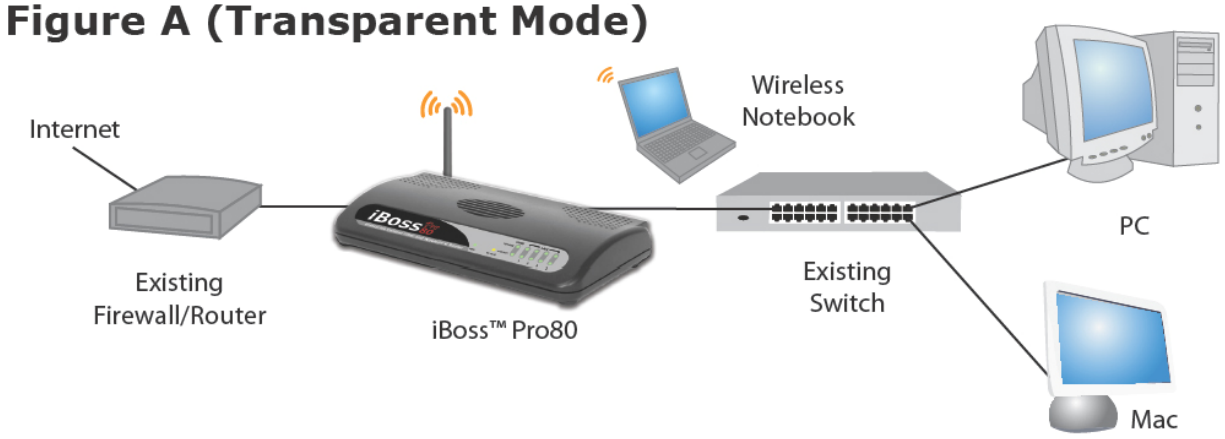


Figure B (Firewall/Router Mode)

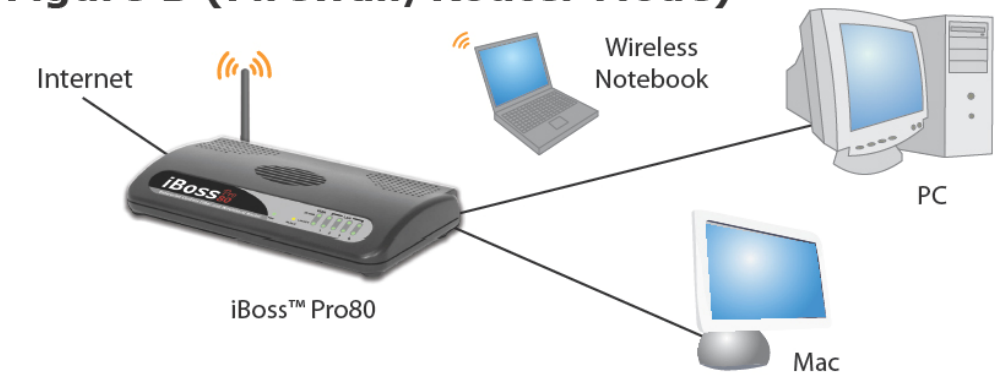


Figure 6 - Operation Modes

3.3.1 Operation Mode Configuration

The Operation Mode configuration can be found on the Internet Connection page.

· Log into your iBoss™ Pro and click on "**Setup Network Connection**" from the main menu. (Please refer to the Logging In section on how to log into the iBoss™ Pro)

· Click "**Configure Internet Connection**".

· Choose an Operation Mode for the iBoss™ Pro to operate in. Please refer to previous page for Operation Mode information.

· Click "**Save**" to save your Operation Mode settings.

WAN Connection

In order to connect to the Internet, you will need to setup your iBoss™ Pro WAN connection.

Transparent Mode - The WAN connection can be configured to obtain an IP address automatically from a DHCP server on your local (LAN) network. Alternatively, you may also configure the iBoss™ Pro to use a static IP address on your local (LAN) network.

Firewall/Router Mode - The WAN connection can be configured to obtain an IP address automatically, configured manually (static IP address), or configured for a PPPoE connection from the ISP (Internet Service Provider).

Note: Different ISPs require different methods of connecting to the Internet, please check with your ISP as to the type of connection that is required.

4 INTERFACE

4.1 Home Page

Figure 7 - Home Page

4.1.1 Filtering Status

This indicates the filtering status of your iBoss. The following values may be displayed:

Enabled - Indicates that your iBoss is Enabled and Active.

Disabled - Indicates that your iBoss is not enabled.

Connecting - When the iBoss is enabled, it must first establish a connection to the gateway. This indicates that the iBoss is attempting to establish a connection.

Must Activate or Subscription Expired - If you have a new iBoss and need to activate your subscription, or if your iBoss subscription has expired, the "Activate" button will appear next to the filtering status field. Click the "Activate" button to proceed with your iBoss activation.

Current Date & Time - Indicates the current date and time. The date and time are synchronized when the iBoss establishes a connection to the gateway, and are important for performing Internet scheduling and report logging. The local time zone settings may be set from the "Edit My Time Zone" page under "My Preferences".

Note: The date & time will only be displayed when the iBoss status is "Enabled".

Enable/Disable Button - The "Enable/Disable" button is located next to the Filtering Status field. It is useful for quickly enabling and disabling your iBoss filtering. If your status reads "Not Enabled", clicking the "Enable" button will enabled the iBoss filtering.

4.1.2 Main Menu

The "**Home**" menu allows you to choose options for configuring the current iBoss settings. There are six options to choose from: **View Log Reports, Configure Internet Controls, Edit My Preferences, Identify Computers & Users, Setup Network Connection,** and **Update Firmware**.

View Log Reports - This option allows you to view your iBoss report logs.

Configure Internet Controls - This option allows you to configure different iBoss filtering controls.

Edit My Preferences - This option allows you to edit preferences including E-mail options, password, time zone and custom block messages.

Identify Computers & Users - This option allows you to identify computers and individual user login on your network for computer specific management control.

Setup Network Connection - This option allows you to configure your iBoss network settings.

Update Firmware - This option allows you to update the firmware for your iBoss whenever updates are available.

Manage Subscription - This option allows you to update the subscription for your iBoss.

4.1.3 Shortcut Bar

Use this shortcut bar to quickly navigate through the iBoss interface. The shortcut bar has 4 options to choose: Home, Reports, Internet Controls, and My Preferences. Once you set a password for the iBoss, a Logout button will also appear.

4.2 Reports

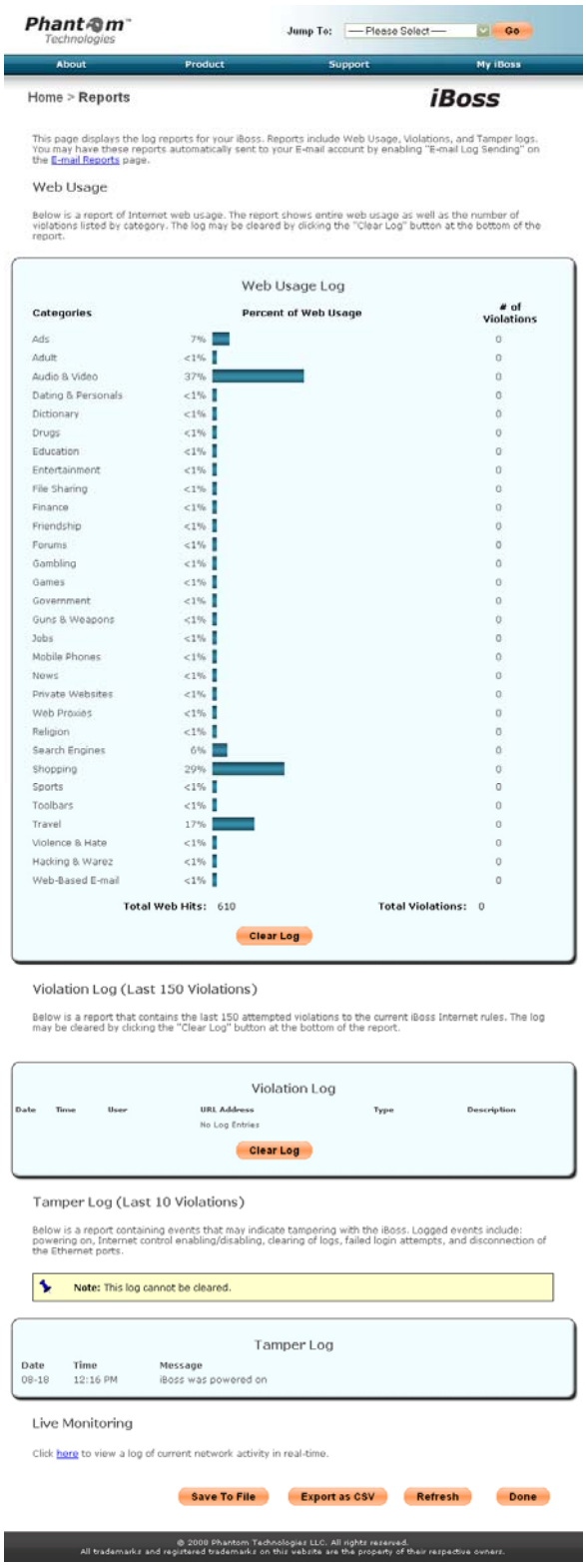

Phantom Technologies
Jump To: — Please Select — Go
About
Product
Support
My iBoss
Home > Reports
iBoss
This page displays the log reports for your iBoss. Reports include Web Usage, Violations, and Tamper logs. You may have these reports automatically sent to your E-mail account by enabling "E-mail Log Sending" on the E-mail Reports page.
Web Usage
Below is a report of Internet web usage. The report shows entire web usage as well as the number of violations listed by category. The log may be cleared by clicking the "Clear Log" button at the bottom of the report.
Web Usage Log
Categories
Percent of Web Usage
# of Violations
Ads 7% 0
Adult <1% 0
Audio & Video 37% 0
Dating & Personals <1% 0
Dictionary <1% 0
Drugs <1% 0
Education <1% 0
Entertainment <1% 0
File Sharing <1% 0
Finance <1% 0
Friendship <1% 0
Forums <1% 0
Gambling <1% 0
Games <1% 0
Government <1% 0
Guns & Weapons <1% 0
Jobs <1% 0
Mobile Phones <1% 0
News <1% 0
Private Websites <1% 0
Web Proxies <1% 0
Religion <1% 0
Search Engines 6% 0
Shopping 29% 0
Sports <1% 0
Toolbars <1% 0
Travel 17% 0
Violence & Hate <1% 0
Hacking & Warez <1% 0
Web-Based E-mail <1% 0
Total Web Hits: 610
Total Violations: 0
Clear Log
Violation Log (Last 150 Violations)
Below is a report that contains the last 150 attempted violations to the current iBoss Internet rules. The log may be cleared by clicking the "Clear Log" button at the bottom of the report.
Violation Log
Date
Time
User
URL Address
Type
Description
No Log Entries
Clear Log
Tamper Log (Last 10 Violations)
Below is a report containing events that may indicate tampering with the iBoss. Logged events include: powering on, Internet control enabling/disabling, clearing of logs, failed login attempts, and disconnection of the Ethernet ports.
Note: This log cannot be cleared.
Tamper Log
Date
Time
Message
08-18
12:16 PM
iBoss was powered on
Live Monitoring
Click here to view a log of current network activity in real-time.
Save To File
Export as CSV
Refresh
Done
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Figure 8 - Reports

This page displays the log reports for your iBoss™ Pro. Reports include Web Usage, Violations, and Tamper logs. You may have these reports automatically sent to your E-mail account by enabling "E-mail Log Sending" on the E-mail Reports page.

Web Usage Report
This is a report of Internet web usage. The report shows entire web usage as well as the number of violations listed by category. The log may be cleared by clicking the "**Clear Log**" button at the bottom of the report. It shows the Total Number of Web hits and Total Number of Violations. This log is based on all web hits and not just violations.

Violation Log (Last 150 Violations)
This is a report that contains the last 150 attempted violations to the current iBoss™ Pro Internet rules. The log may be cleared by clicking the "**Clear Log**" button at the bottom of the report. Websites and online applications will not be blocked while the iBoss™ Pro is in "**Stealth Mode**" but do show up in the violation log (if enabled). This log contains the Date, Time, Computer, URL address, and Category.

Tamper Log (Last 10 Violations)
This is a report containing events that may indicate tampering with the iBoss™ Pro. Logged events include: powering on, Internet control enabling/disabling, clearing of logs, failed login attempts, and disconnections from our gateways. This log cannot be cleared. This log contains the Date, Time, and Message containing the violation error.

Live Monitoring
This page displays a real-time running log of web activity through the iBoss™ Pro. This log allows you to monitor current web activity on your network. The last 150 websites visited will be listed. To begin monitoring, click the "**Enable**" option below. When you are finished monitoring, click the "**Disable**" option. You may refresh the log by clicking the "**Refresh**" button at the bottom of the list.

Send Email Now
This button will show up if you have an E-mail address set within the iBoss™ Pro. Use this Button to quickly send the current report log.

Save To File
Use this button to save the current report log to an .html file.

Export As CSV
Use this button to export the current report as a .csv file to import to a database that you may have set up.

4.3 Configure Internet Controls

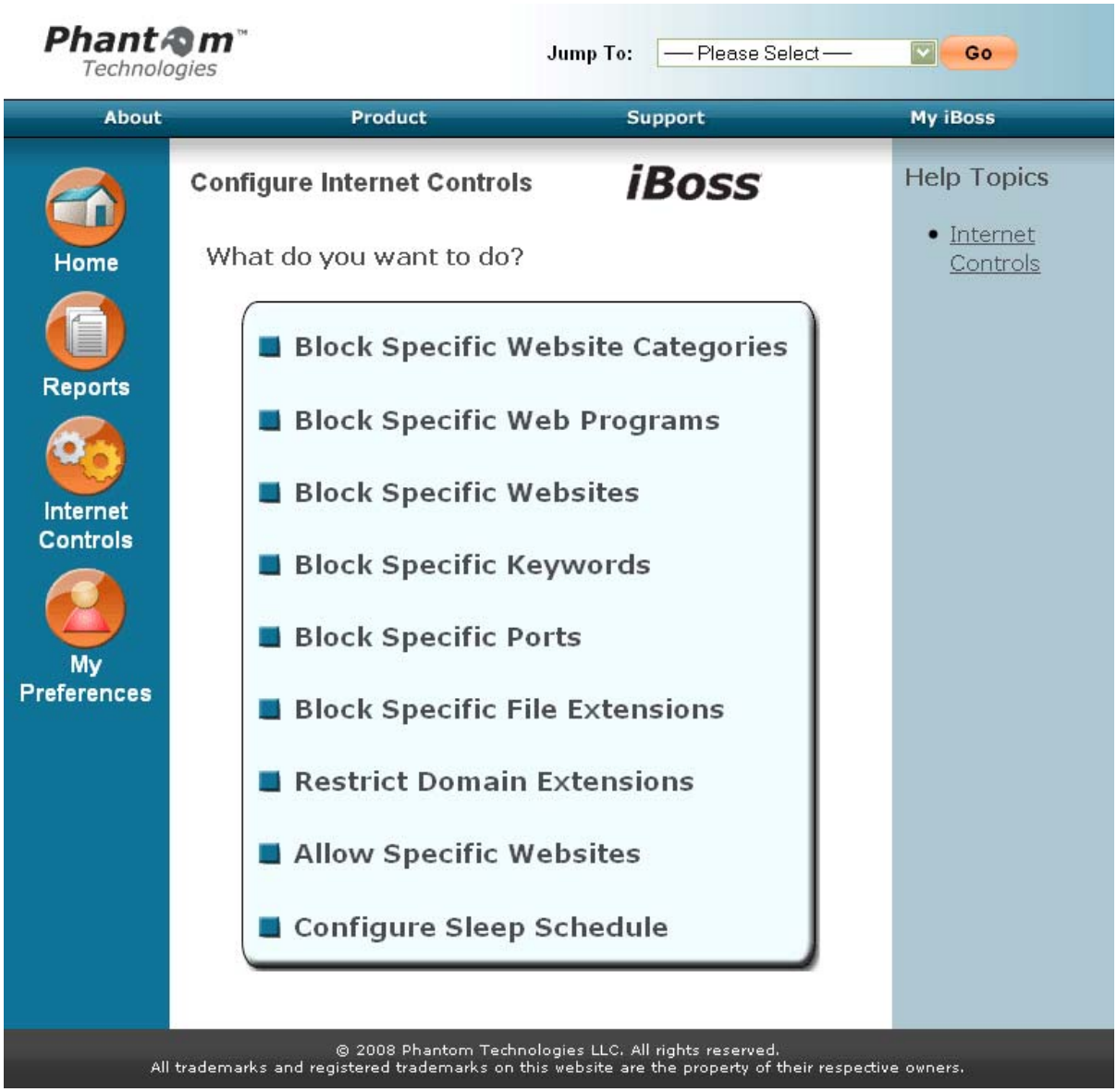

Figure 9 - Configure Internet Controls

The "**Configure Internet Controls**" menu lets you choose options for configuring the current iBoss Internet controls. There are nine options to choose from: Block Specific Website Categories, Block Specific Web Programs, Block Specific Websites, Block Specific Keywords, Block Specific Ports, Block Specific File Extensions, Restrict Domain Extensions, Allow Specific Websites, and Configure Sleep Schedule.

Block Specific Website Categories - This option allows you to block or allow website content based on categories.

Block Specific Web Programs - This option allows you to configure access to web applications that the iBoss can manage. You may choose to block Chat (Instant messenger) programs, File Sharing programs, and FTP.

Block Specific Websites - This option allows you to block access to specific websites by adding them to the Block List.

Block Specific Keywords - This option allows you to block specific keywords from searches or full URL's by adding them to the Keyword list.

Block Specific Ports - This option allows you to block specific ports or port ranges with Protocol and Direction.

Block Specific File Extensions - This option allows you to block specific file extensions.

Restrict Domain Extensions - This option allows you to restrict domain extensions allowing to your either block specific domain extensions or only allow specific domain extensions.

Allow Specific Websites - This option allows you to permit access to specific websites by adding them to the Allow List.

Configure Sleep Schedule - This option allows you to schedule access to the Internet on a schedule.

4.3.1 Block Specific Website Categories

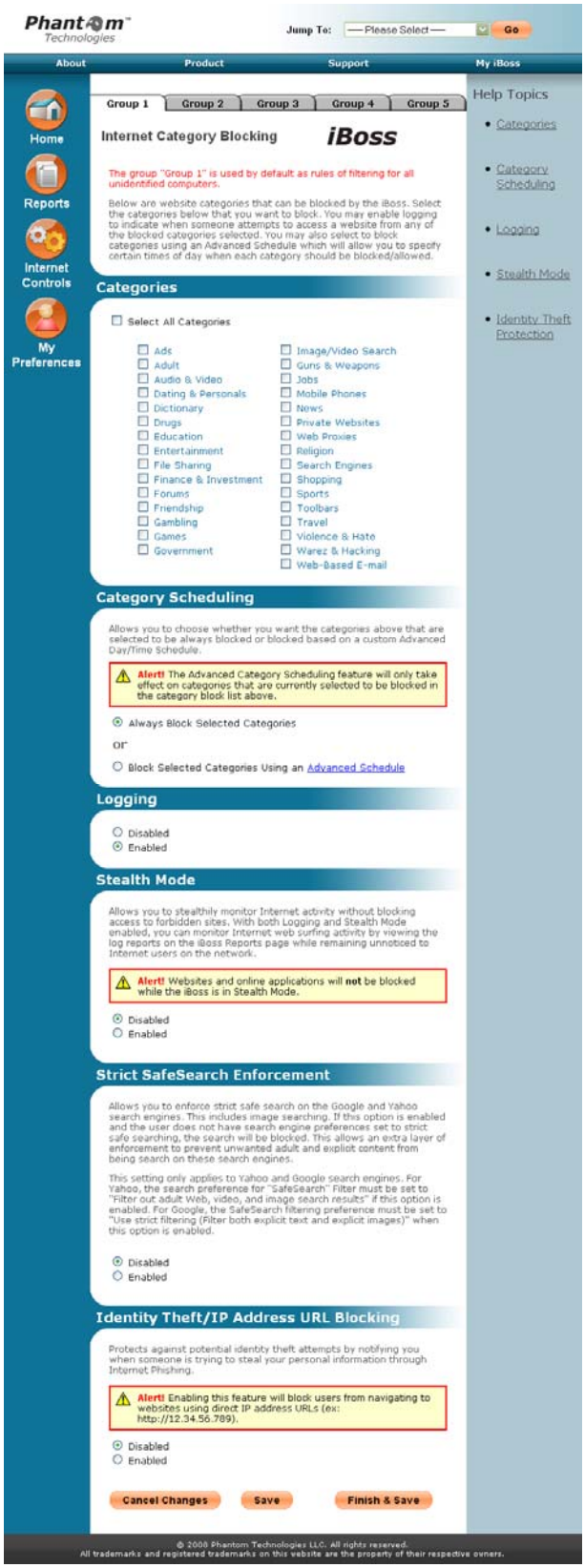
Phantom Technologies
Jump To: —Please Select— Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Group 1
Group 2
Group 3
Group 4
Group 5
Internet Category Blocking
iBoss
The group "Group 1" is used by default as rules of filtering for all unidentified computers.
Below are website categories that can be blocked by the iBoss. Select the categories below that you want to block. You may enable logging to indicate when someone attempts to access a website from any of the blocked categories selected. You may also select to block categories using an Advanced Schedule which will allow you to specify certain times of day when each category should be blocked/allowed.
Categories
Select All Categories
Ads
Adult
Audio & Video
Dating & Personals
Dictionary
Drugs
Education
Entertainment
File Sharing
Finance & Investment
Forums
Friendship
Gambling
Games
Government
Image/Video Search
Guns & Weapons
Jobs
Mobile Phones
News
Private Websites
Web Proxies
Religion
Search Engines
Shopping
Sports
Toolbars
Travel
Violence & Hate
Warez & Hacking
Web-Based E-mail
Category Scheduling
Allows you to choose whether you want the categories above that are selected to be always blocked or blocked based on a custom Advanced Day/Time Schedule.
Alert! The Advanced Category Scheduling feature will only take effect on categories that are currently selected to be blocked in the category block list above.
Always Block Selected Categories
or
Block Selected Categories Using an Advanced Schedule
Logging
Disabled
Enabled
Stealth Mode
Allows you to stealthily monitor Internet activity without blocking access to forbidden sites. With both Logging and Stealth Mode enabled, you can monitor Internet web surfing activity by viewing the log reports on the iBoss Reports page while remaining unnoticed to Internet users on the network.
Alert! Websites and online applications will not be blocked while the iBoss is in Stealth Mode.
Disabled
Enabled
Strict SafeSearch Enforcement
Allows you to enforce strict safe search on the Google and Yahoo search engines. This includes image searching. If this option is enabled and the user does not have search engine preferences set to strict safe searching, the search will be blocked. This allows an extra layer of enforcement to prevent unwanted adult and explicit content from being search on these search engines.
This setting only applies to Yahoo and Google search engines. For Yahoo, the search preference for "SafeSearch" Filter must be set to "Filter out adult Web, video, and image search results" if this option is enabled. For Google, the SafeSearch filtering preference must be set to "Use strict filtering (Filter both explicit text and explicit images)" when this option is enabled.
Disabled
Enabled
Identity Theft/IP Address URL Blocking
Protects against potential identity theft attempts by notifying you when someone is trying to steal your personal information through Internet Phishing.
Alert! Enabling this feature will block users from navigating to websites using direct IP address URLs (ex: http://12.34.56.789).
Disabled
Enabled
Cancel Changes
Save
Finish & Save
Help Topics
Categories
Category Scheduling
Logging
Stealth Mode
Identity Theft Protection
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Figure 10 - Block Specific Website Categories

The "Internet Category Blocking" page allows you to configure the current iBoss Internet website category blocking settings, log settings, Stealth Mode, and Identity Theft Detection options.

Categories - These are categories from which Internet websites are grouped. You may choose categories from this list that you wish to block on your network. In addition to blocking access to these website categories, the iBoss will also log attempted access violations if logging is enabled.
Examples of website categories are:

Ads	Friendship	Religion
Adult	Gambling	Search Engines
Audio & Video	Games	Shopping
Dating & Personals	Government	Sports
Dictionary	Image/Video Search	Toolbars
Drugs	Guns & Weapons	Travel
Education	Jobs	Violence & Hate
Entertainment	Mobile Phones	Warez & Hacking
File Sharing	News	Web-Based E-mail
Finance & Investment	Private Websites	
Forums	Web Proxies	

Category Scheduling - Allows you to choose whether you want the categories above that are selected to be always blocked or blocked based on a custom Advanced Day/Time Schedule.

Note: The Advanced Category Scheduling feature will only take effect on categories that are currently selected to be blocked in the category block list above.

Logging - Allows you to enable and disable logging of violation attempts for the current set of blocked website categories. Log reports may be viewed on the iBoss Reports page. The report information includes date, time, user, website address, and category of the violation.

Stealth Mode - Allows you to stealthily monitor Internet activity without blocking access to forbidden sites. With both Logging and Stealth Mode enabled, you can monitor Internet web surfing activity by viewing the log reports on the iBoss Reports page while remaining unnoticed to Internet users on the network.

Note: Websites and online applications will not be blocked while the iBoss is in "Stealth Mode".

Strict SafeSearch Enforcement - Allows you to enforce strict safe search on the Google and Yahoo search engines. This includes image searching. If this option is enabled and the user does not have search engine preferences set to strict safe searching, the search will be blocked. This allows an extra layer of enforcement to prevent unwanted adult and explicit content from being search on these search engines.

Note: This setting only applies to Yahoo and Google search engines. For Yahoo, the search preference for "SafeSearch" Filter must be set to "Filter out adult Web, video, and image search results" if this option is enabled. For Google, the SafeSearch filtering preference must be set to "Use strict filtering (Filter both explicit text and explicit images)" when this option is enabled.

Identity Theft (Phishing) / IP Address URL Blocking - Protects against potential identity theft attempts by notifying you when someone is trying to steal your personal information through Internet Phishing. Enabling this feature will also block users from navigating to websites using IP address URL's.

4.3.1.1 Advanced Scheduling

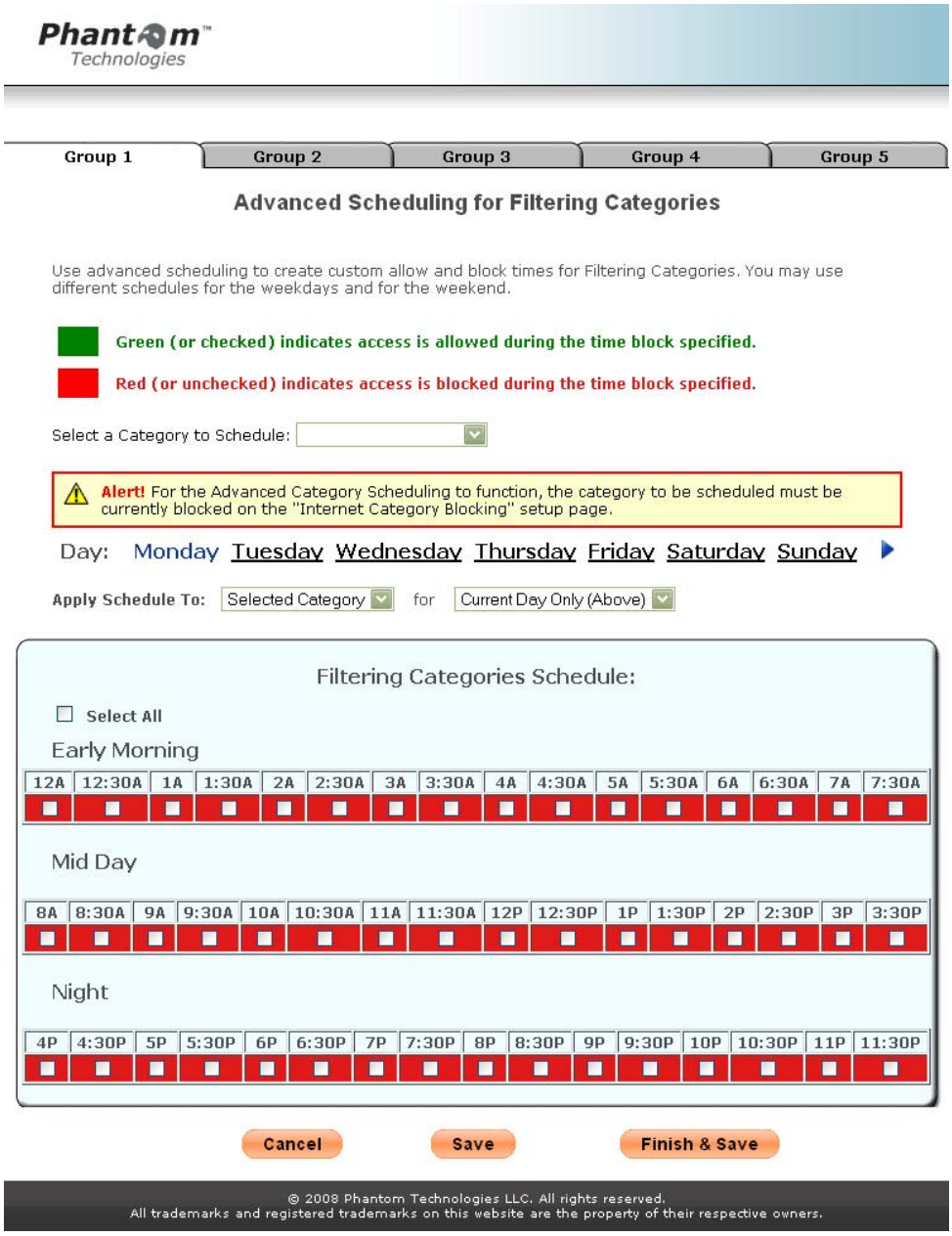
Phantom Technologies
Group 1
Group 2
Group 3
Group 4
Group 5
Advanced Scheduling for Filtering Categories
Use advanced scheduling to create custom allow and block times for Filtering Categories. You may use different schedules for the weekdays and for the weekend.
Green (or checked) indicates access is allowed during the time block specified.
Red (or unchecked) indicates access is blocked during the time block specified.
Select a Category to Schedule:
Alert! For the Advanced Category Scheduling to function, the category to be scheduled must be currently blocked on the "Internet Category Blocking" setup page.
Day: Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Apply Schedule To: Selected Category for Current Day Only (Above)
Filtering Categories Schedule:
Select All
Early Morning
12A 12:30A 1A 1:30A 2A 2:30A 3A 3:30A 4A 4:30A 5A 5:30A 6A 6:30A 7A 7:30A
Mid Day
8A 8:30A 9A 9:30A 10A 10:30A 11A 11:30A 12P 12:30P 1P 1:30P 2P 2:30P 3P 3:30P
Night
4P 4:30P 5P 5:30P 6P 6:30P 7P 7:30P 8P 8:30P 9P 9:30P 10P 10:30P 11P 11:30P
Cancel
Save
Finish & Save
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Figure 11 - Advanced Scheduling

You may use advanced scheduling to create custom allow and block times for Filtering Categories, Web Programs, and the Sleep Schedule. You may use different schedules for the different days of the week, simply select the day and set the schedule. For Filtering Categories you will have to select a Category to Schedule:

Green (or checked) indicates access is allowed during the time block specified.

Red (or unchecked) indicates access is blocked during the time block specified.

Note: For the Advanced Category Scheduling to function, the category to be scheduled must be currently blocked on the "**Internet Category Blocking**" setup page.

4.3.1.2 Identify Theft (Phishing)/ IP Address Blocking Page

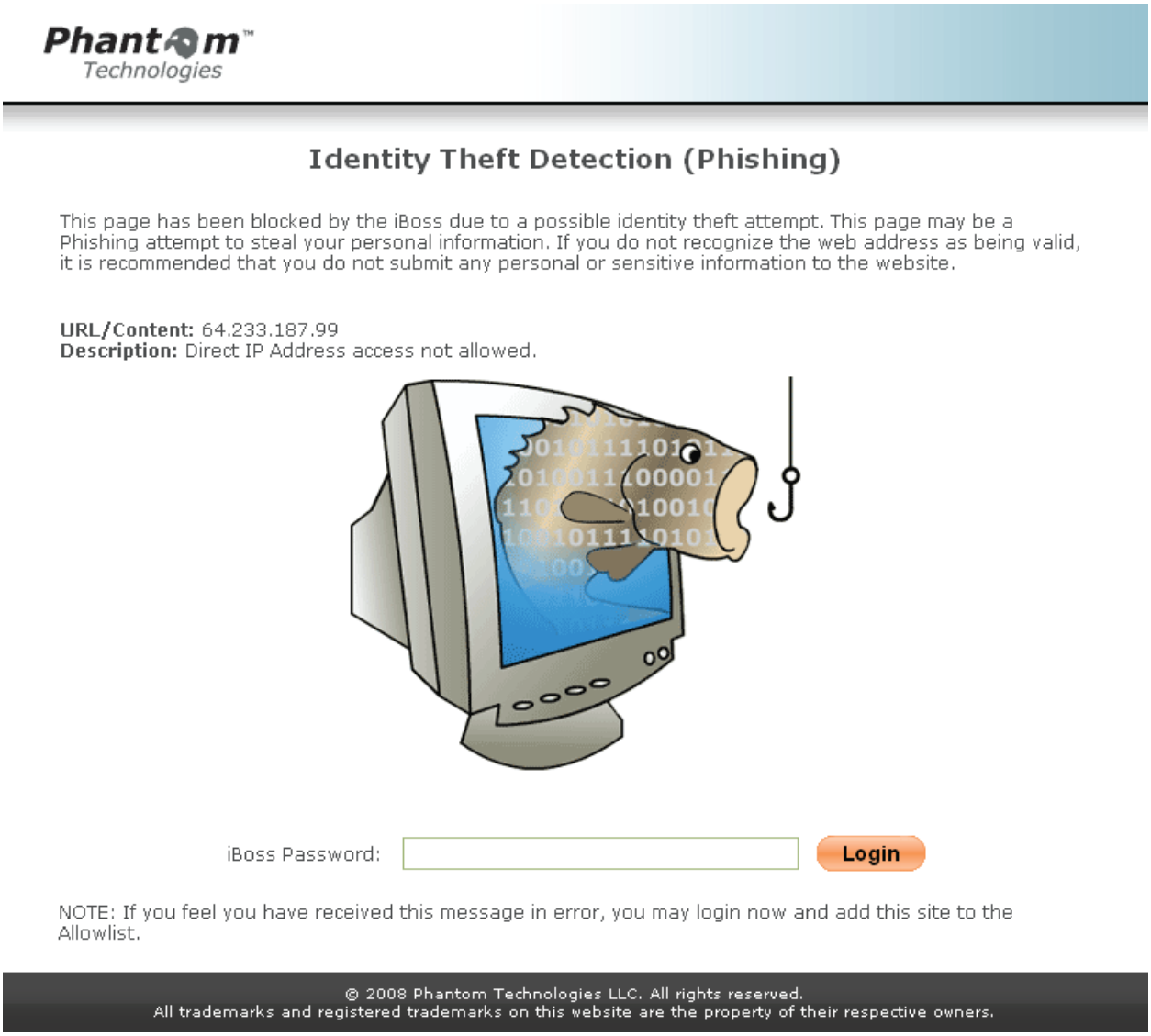
Phantom Technologies
Identity Theft Detection (Phishing)
This page has been blocked by the iBoss due to a possible identity theft attempt. This page may be a Phishing attempt to steal your personal information. If you do not recognize the web address as being valid, it is recommended that you do not submit any personal or sensitive information to the website.
URL/Content: 64.233.187.99
Description: Direct IP Address access not allowed.
iBoss Password:
Login
NOTE: If you feel you have received this message in error, you may login now and add this site to the Allowlist.
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Figure 12 - Identity Theft Detection Page

When a page is blocked from of the iBoss due to detection of Identity Theft (Phishing)/IP Address URL Blocking, this page will show up in the web browser to the user. You may manually login and add the blocked Identity theft page (IP address) to the allowlist if you feel that you have received the Identity Theft Detection in error by typing in the password and pressing Login.

4.3.2 Block Specific Web Programs

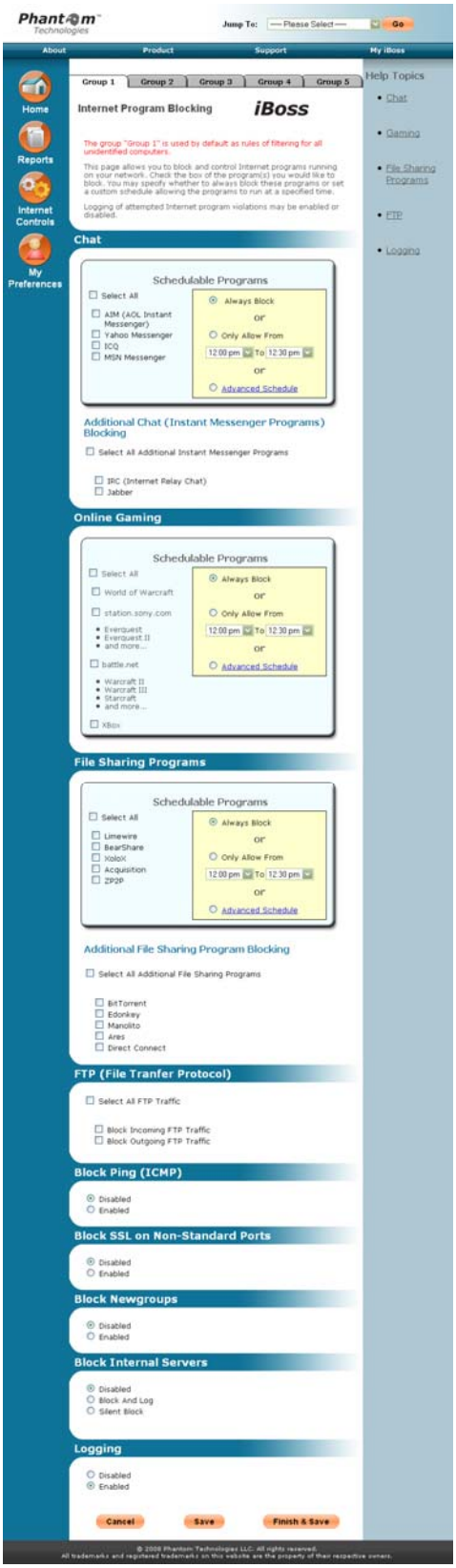

Figure 13 - Block Specific Web Programs

The "Internet Program Blocking" section allows you to configure the current iBoss program blocking settings.

Chat - This category contains applications used for online messaging and chat. The iBoss can block the selected program(s) and log attempted violations. Examples of applications in this category are:

AIM (AOL Instant Messenger)
Yahoo Messenger
ICQ
MSN Messenger
IRC (Internet Relay Chat)
Jabber

Chat Schedule - Allows you to schedule daily access for schedulable chat programs. This option will bypass blocking for chat and instant messenger programs during the specified time.

Gaming
This category contains online gaming applications. The iBoss can block the selected program(s) and log attempted access violations. Examples of applications in this category are:

World of Warcraft
StarCraft
Everquest/Everquest II
XBox

Gaming Schedule - Allows you to schedule daily access for selected online gaming programs. This option will bypass blocking for online gaming programs during the specified time.

File Sharing Programs - This category contains online file sharing applications. The iBoss can block the selected program(s) and log attempted access violations. Examples of applications in this category are:

Limewire
XoloX
ZP2P
BearShare
Acquisition
BitTorrent
EDonkey
Manolito
Ares
Direct Connect

File Sharing Schedule - Allows you to schedule daily access for schedulable file sharing programs. This option will bypass blocking for file sharing programs during the specified time.

FTP (File Sharing Protocol)
You may choose to enable blocking for incoming and outgoing FTP Traffic. Enabling this feature will allow you to block incoming, outgoing, or all FTP Traffic.

Block Ping (ICMP)
You may choose to enable blocking for outgoing ping Traffic.

Block SSL on Non-Standard Ports
You may choose to enable blocking for SSL over any non-standard ports. Use this feature to help block file sharing programs such as Limewire, etc.

Block Newsgroups

You may choose to enable blocking for newsgroups. Some newsgroups allow file sharing to be used which you can block with this feature.

Block Internal Servers
You may choose to enable blocking for internal servers. This feature allows you to block internal servers and programs that run that act as servers such as BitTorrent. You may choose either to block and log these violations or use the silent block to block the traffic but not log the violation.

Logging - Allows you to enable or disable logging of attempted program access violations. This log is found on the Reports page. The logging includes date, time, and category. Logging can be enabled while in stealth mode. This is useful for monitoring your Internet usage while remaining unnoticed on the network. Without logging, the iBoss program blocking will still work however violations will not be logged.

4.3.3 Block Specific Websites

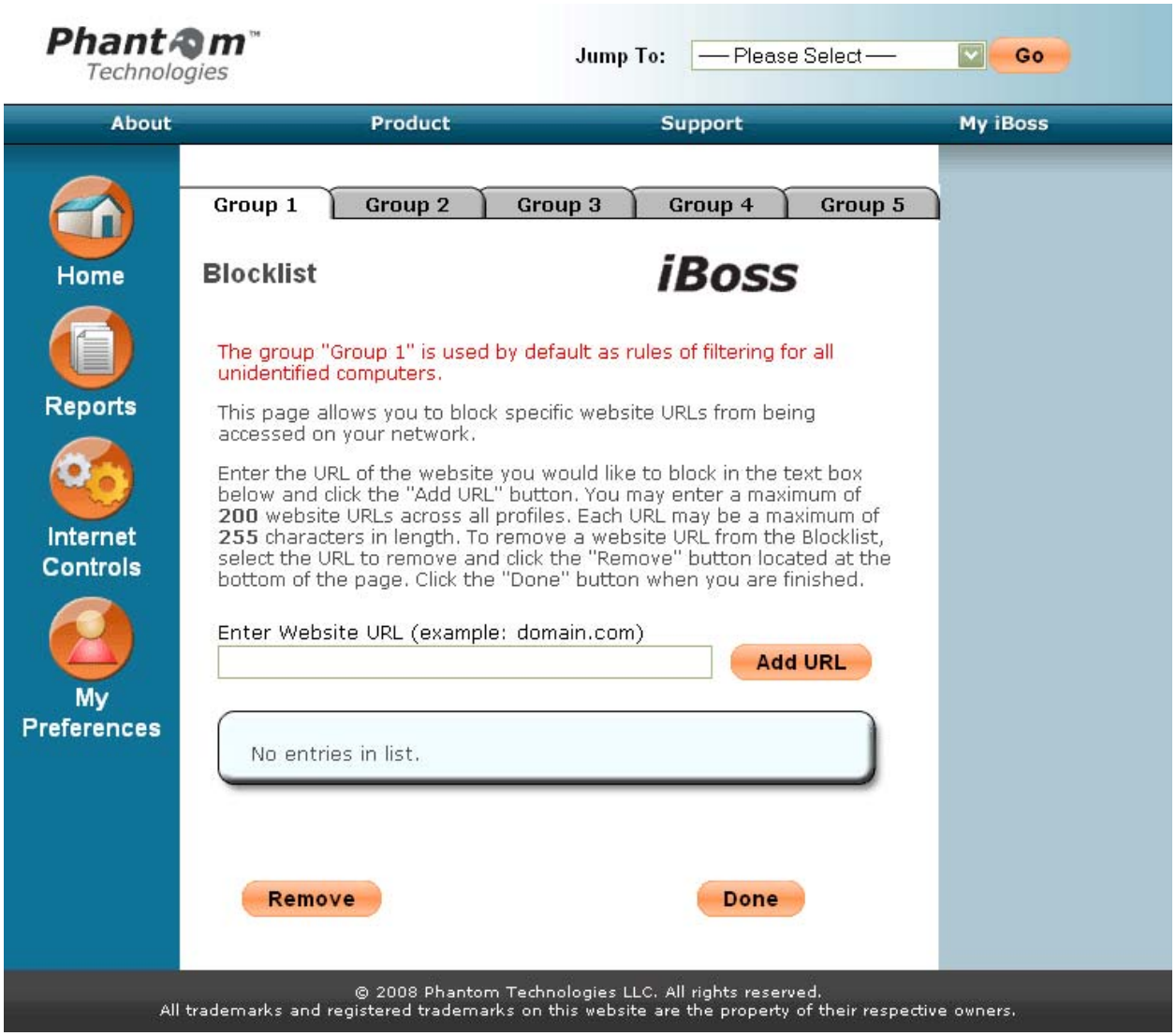
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Group 1
Group 2
Group 3
Group 4
Group 5
Blocklist
iBoss
The group "Group 1" is used by default as rules of filtering for all unidentified computers.
This page allows you to block specific website URLs from being accessed on your network.
Enter the URL of the website you would like to block in the text box below and click the "Add URL" button. You may enter a maximum of 200 website URLs across all profiles. Each URL may be a maximum of 255 characters in length. To remove a website URL from the Blocklist, select the URL to remove and click the "Remove" button located at the bottom of the page. Click the "Done" button when you are finished.
Enter Website URL (example: domain.com)
Add URL
No entries in list.
Remove
Done
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Figure 14 - Block Specific Websites

This page allows you to block specific website domains from being accessed on your network. Enter the URL domain name of the website you would like to block in the text box below and click the "Add URL" button. You may enter a maximum of 200 website URL domains. To remove a website URL domain from the Blocklist, select the URL to remove and click the "Remove" button located at the bottom of the page. Click the "Done" button when you are finished.

4.3.4 Block Specific Keywords

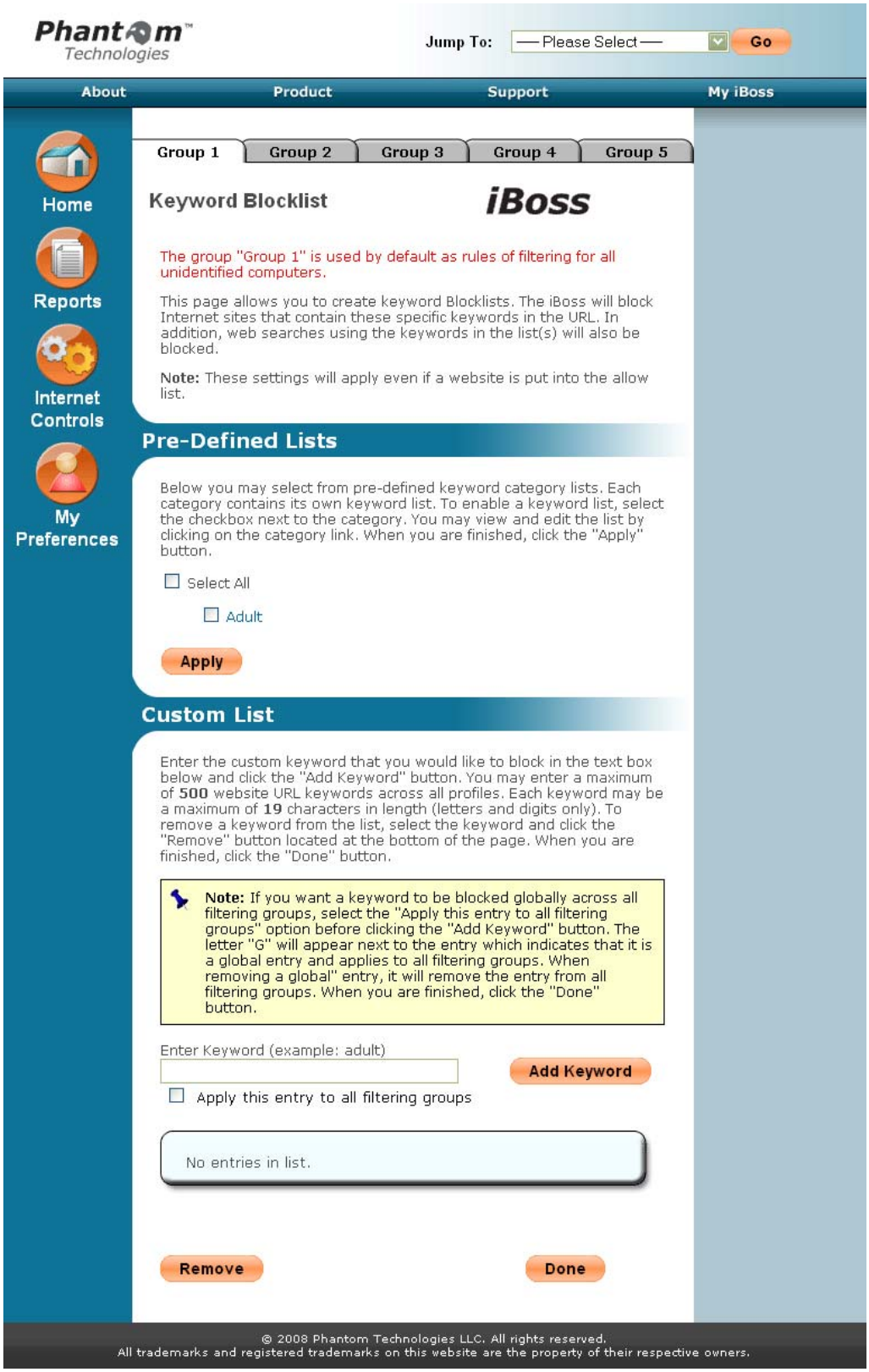
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Group 1
Group 2
Group 3
Group 4
Group 5
Keyword Blocklist
iBoss
The group "Group 1" is used by default as rules of filtering for all unidentified computers.
This page allows you to create keyword Blocklists. The iBoss will block Internet sites that contain these specific keywords in the URL. In addition, web searches using the keywords in the list(s) will also be blocked.
Note: These settings will apply even if a website is put into the allow list.
Pre-Defined Lists
Below you may select from pre-defined keyword category lists. Each category contains its own keyword list. To enable a keyword list, select the checkbox next to the category. You may view and edit the list by clicking on the category link. When you are finished, click the "Apply" button.
Select All
Adult
Apply
Custom List
Enter the custom keyword that you would like to block in the text box below and click the "Add Keyword" button. You may enter a maximum of 500 website URL keywords across all profiles. Each keyword may be a maximum of 19 characters in length (letters and digits only). To remove a keyword from the list, select the keyword and click the "Remove" button located at the bottom of the page. When you are finished, click the "Done" button.
Note: If you want a keyword to be blocked globally across all filtering groups, select the "Apply this entry to all filtering groups" option before clicking the "Add Keyword" button. The letter "G" will appear next to the entry which indicates that it is a global entry and applies to all filtering groups. When removing a global" entry, it will remove the entry from all filtering groups. When you are finished, click the "Done" button.
Enter Keyword (example: adult)
Add Keyword
Apply this entry to all filtering groups
No entries in list.
Remove
Done
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Figure 15 - Block Specific Keywords

This feature allows you to create keyword Blocklists. The iBoss will block Internet sites that contain these specific keywords in the URL. In addition, web searches using the keywords in the list(s) will also be blocked.

Pre-Defined Lists
You may select from pre-defined keyword category lists. Each category contains its own keyword list. To enable a keyword list, select the checkbox next to the category. You may view and edit the list by clicking on the category link. When you are finished, click the "**Apply**" button.

Custom List
Enter the custom keyword that you would like to block in the text box below and click the "**Add Keyword**" button. Each keyword may be a maximum of 19 characters in length (letters and digits only). To remove a keyword from the list, select the keyword and click the "**Remove**" button located at the bottom of the page. When you are finished, click the "**Done**" button.

If you want a keyword to be blocked globally across all profiles, select the "**Apply this entry to all profiles**" option before clicking the "**Add Keyword**" button. The letter "**G**" will appear next to the entry which indicates that it is a global entry and applies to all profiles. When removing a global entry, it will remove the entry from all profiles. When you are finished, click the "**Done**" button.

4.3.5 Block Specific Ports

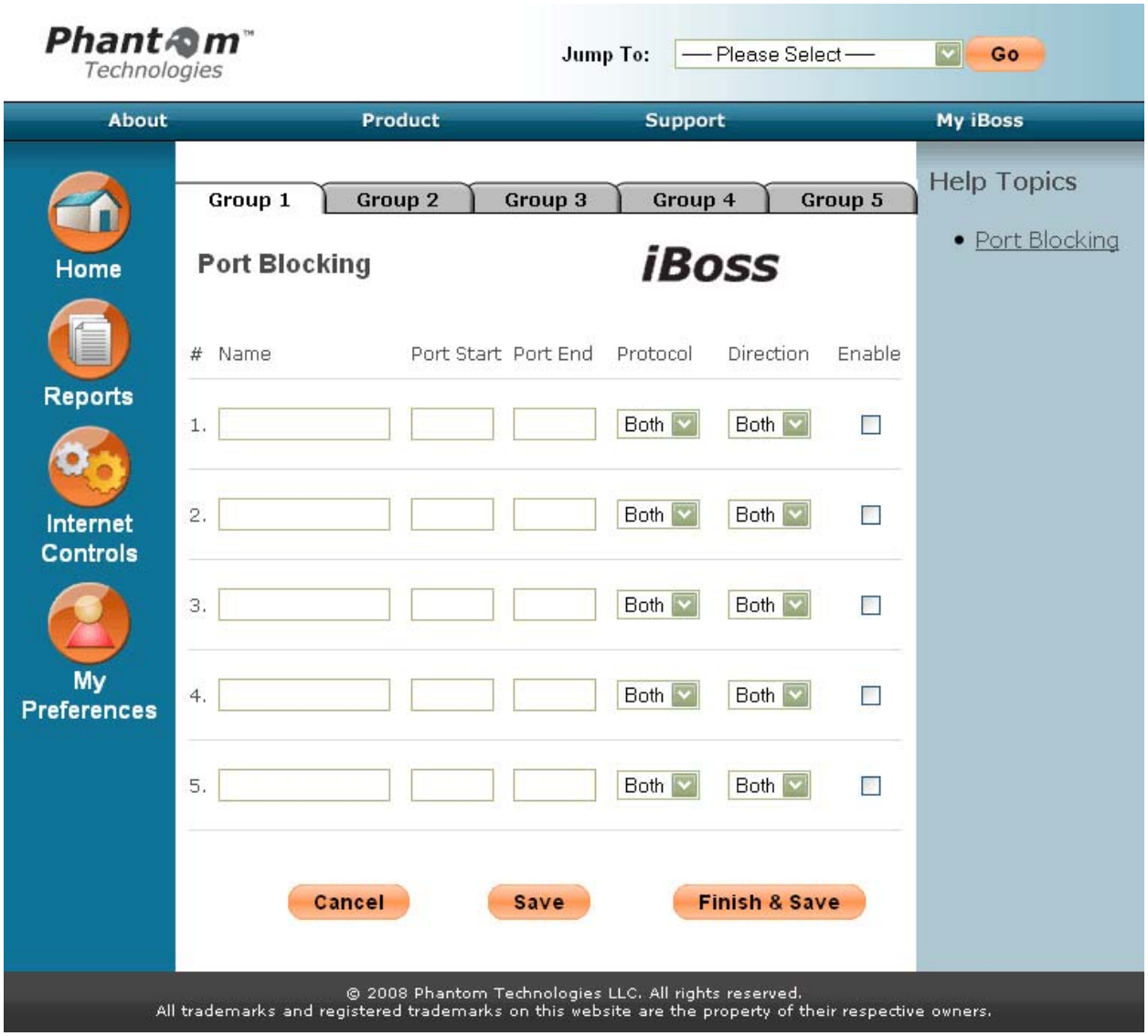

Figure 16 - Port Blocking

Port blocking allows Internet traffic on specified ports or ranges of ports to be blocked from accessing the Internet. Traffic using the specified ports will be blocked completely. This allows you to enter the name, port start, port end, protocol, and direction. Once you enter in the information click Enable and save.

4.3.6 File Extension Blocking

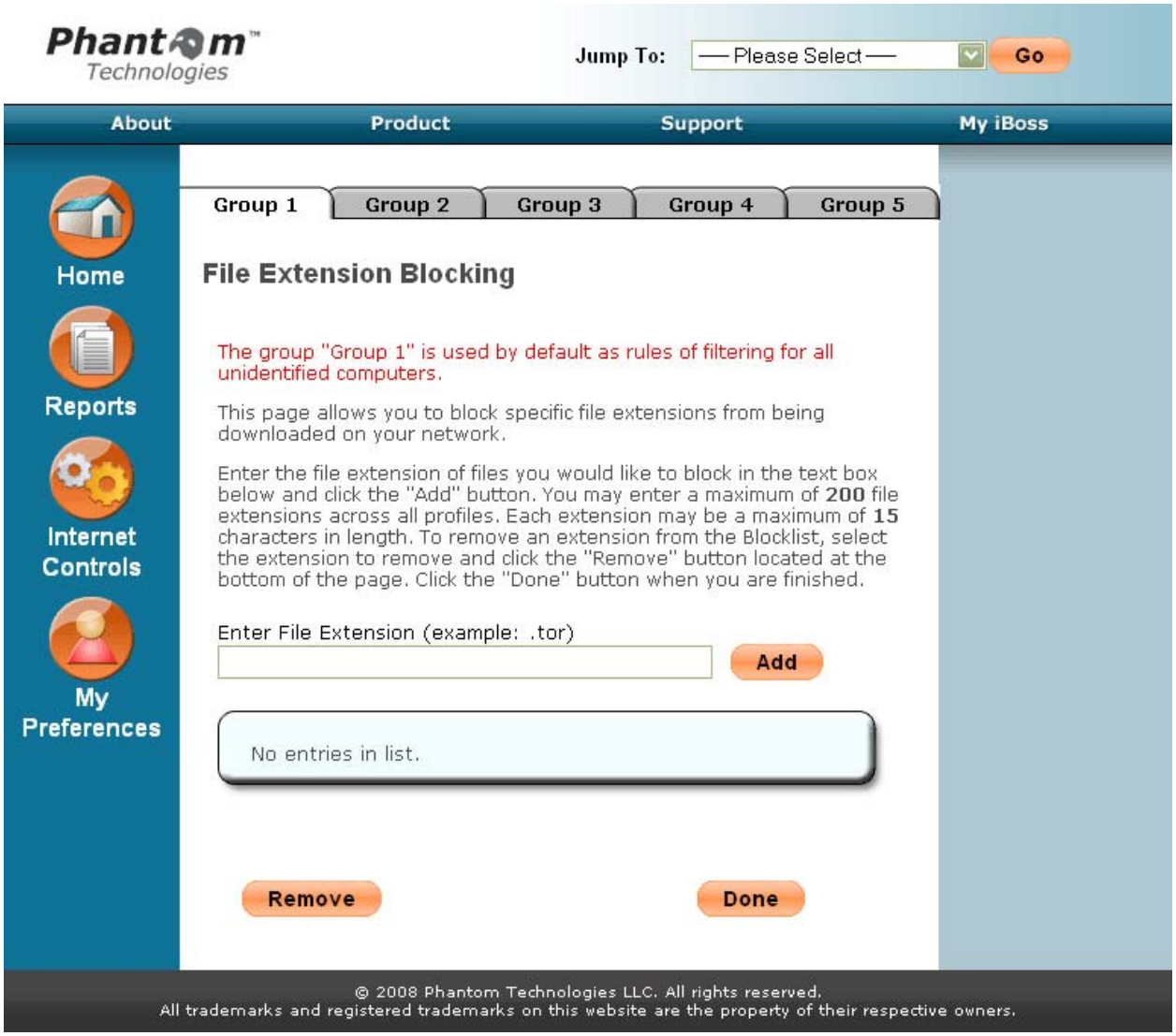
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Group 1
Group 2
Group 3
Group 4
Group 5
File Extension Blocking
The group "Group 1" is used by default as rules of filtering for all unidentified computers.
This page allows you to block specific file extensions from being downloaded on your network.
Enter the file extension of files you would like to block in the text box below and click the "Add" button. You may enter a maximum of 200 file extensions across all profiles. Each extension may be a maximum of 15 characters in length. To remove an extension from the Blocklist, select the extension to remove and click the "Remove" button located at the bottom of the page. Click the "Done" button when you are finished.
Enter File Extension (example: .tor)
Add
No entries in list.
Remove
Done
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Figure 17 - File Extension Blocking

This page allows you to block specific file extensions from being downloaded on your network.

Enter the file extension of files you would like to block in the text box below and click the "**Add**" button. You may enter a maximum of **200** file extensions across all profiles. Each extension may be a maximum of **15** characters in length. To remove an extension from the Blocklist, select the extension to remove and click the "**Remove**" button located at the bottom of the page. Click the "**Done**" button when you are finished.

4.3.7 Domain Extension Restrictions

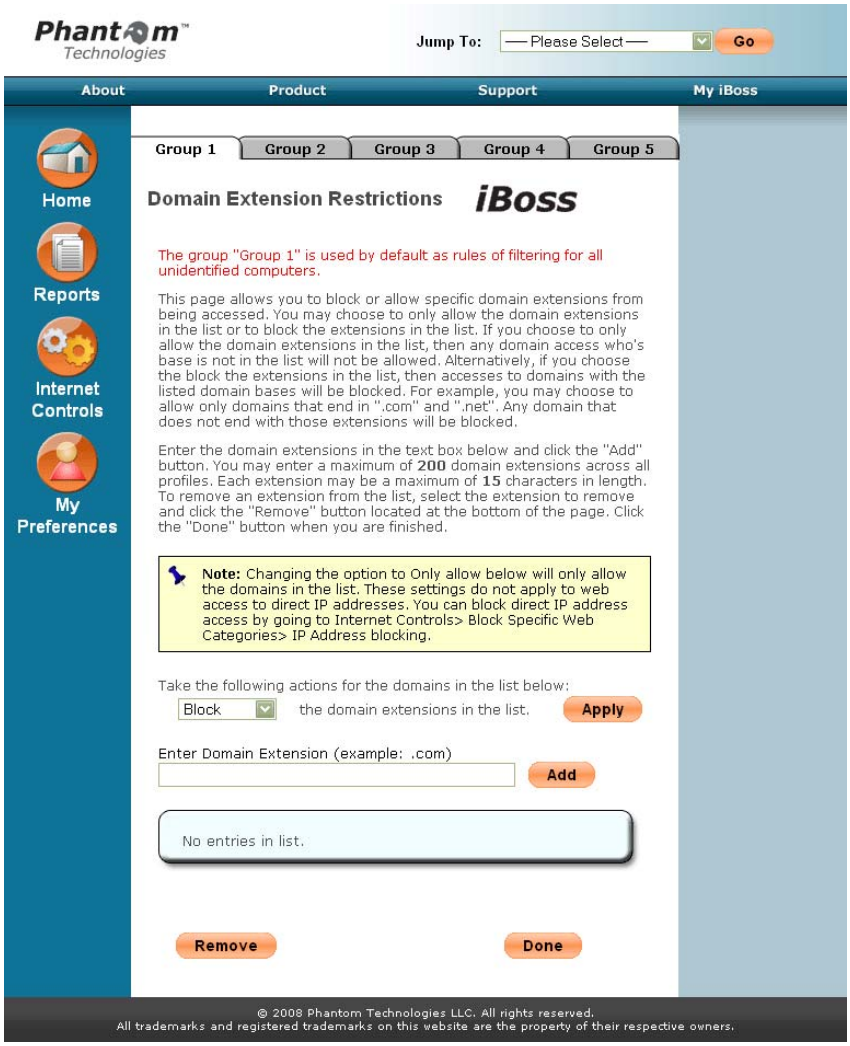
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Group 1
Group 2
Group 3
Group 4
Group 5
Domain Extension Restrictions
iBoss
The group "Group 1" is used by default as rules of filtering for all unidentified computers.
This page allows you to block or allow specific domain extensions from being accessed. You may choose to only allow the domain extensions in the list or to block the extensions in the list. If you choose to only allow the domain extensions in the list, then any domain access who's base is not in the list will not be allowed. Alternatively, if you choose the block the extensions in the list, then accesses to domains with the listed domain bases will be blocked. For example, you may choose to allow only domains that end in ".com" and ".net". Any domain that does not end with those extensions will be blocked.
Enter the domain extensions in the text box below and click the "Add" button. You may enter a maximum of 200 domain extensions across all profiles. Each extension may be a maximum of 15 characters in length. To remove an extension from the list, select the extension to remove and click the "Remove" button located at the bottom of the page. Click the "Done" button when you are finished.
Note: Changing the option to Only allow below will only allow the domains in the list. These settings do not apply to web access to direct IP addresses. You can block direct IP address access by going to Internet Controls> Block Specific Web Categories> IP Address blocking.
Take the following actions for the domains in the list below:
Block
the domain extensions in the list.
Apply
Enter Domain Extension (example: .com)
Add
No entries in list.
Remove
Done
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Figure 18 - Domain Extension Restrictions

This page allows you to block or allow specific domain extensions from being accessed. You may choose to only allow the domain extensions in the list or to block the extensions in the list. If you choose to only allow the domain extensions in the list, then any domain access whose base is not in the list will not be allowed. Alternatively, if you choose the block the extensions in the list, then accesses to domains with the listed domain bases will be blocked. For example, you may choose to allow only domains that end in ".com" and ".net". Any domain that does not end with those extensions will be blocked.

Enter the domain extensions in the text box below and click the "Add" button. You may enter a maximum of **200** domain extensions across all profiles. Each extension may be a maximum of **15** characters in length. To remove an extension from the list, select the extension to remove and click the "Remove" button located at the bottom of the page. Click the "Done" button when you are finished.

Note: Changing the option to Only allow below will only allow the domains in the list. These settings do not apply to web access to direct IP addresses. You can block direct IP address access by going to Internet Controls> Block Specific Web Categories> IP Address blocking.

4.3.8 Allow Specific Websites

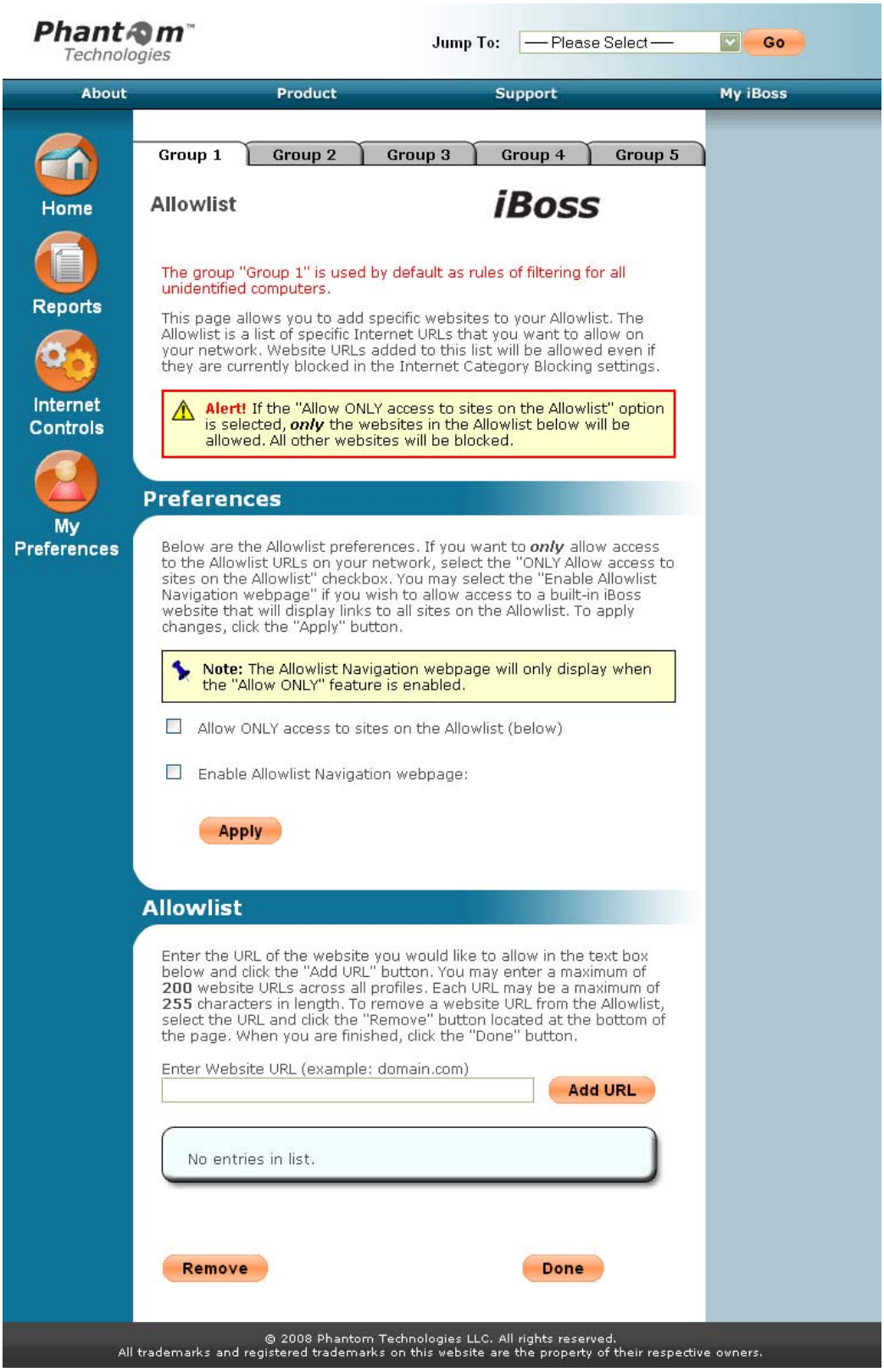
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Group 1
Group 2
Group 3
Group 4
Group 5
Allowlist
iBoss
The group "Group 1" is used by default as rules of filtering for all unidentified computers.
This page allows you to add specific websites to your Allowlist. The Allowlist is a list of specific Internet URLs that you want to allow on your network. Website URLs added to this list will be allowed even if they are currently blocked in the Internet Category Blocking settings.
Alert! If the "Allow ONLY access to sites on the Allowlist" option is selected, only the websites in the Allowlist below will be allowed. All other websites will be blocked.
Preferences
Below are the Allowlist preferences. If you want to only allow access to the Allowlist URLs on your network, select the "ONLY Allow access to sites on the Allowlist" checkbox. You may select the "Enable Allowlist Navigation webpage" if you wish to allow access to a built-in iBoss website that will display links to all sites on the Allowlist. To apply changes, click the "Apply" button.
Note: The Allowlist Navigation webpage will only display when the "Allow ONLY" feature is enabled.
Allow ONLY access to sites on the Allowlist (below)
Enable Allowlist Navigation webpage:
Apply
Allowlist
Enter the URL of the website you would like to allow in the text box below and click the "Add URL" button. You may enter a maximum of 200 website URLs across all profiles. Each URL may be a maximum of 255 characters in length. To remove a website URL from the Allowlist, select the URL and click the "Remove" button located at the bottom of the page. When you are finished, click the "Done" button.
Enter Website URL (example: domain.com)
Add URL
No entries in list.
Remove
Done
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Figure 19 - Allow Specific Websites

This page allows you to add specific websites to your Allowlist. The Allowlist is a list of specific Internet website domains that you want to allow on your network. Website domains added to this list will be allowed even if they are currently blocked in the Internet Category Blocking settings. Enter the domain name of the website you would like to allow in the text box below and click the "**Add URL**" button. To remove a website URL domain from the Allowlist, select the URL and click the "**Remove**" button located at the bottom of the page. If you want to allow only these website URL domains on your network, select the "**Allow These Sites ONLY**" checkbox and click the "**Apply**" button. When you are finished, click the "**Done**" button.

You may select "**Allow These Sites ONLY**" and check "**Apply**" to only allow the sites that are on the allowlist. To disable this option, uncheck this option and click "**Apply**".

Note: If the "**Allow These Sites ONLY**" option is selected, only the website domains in the Allowlist below will be allowed. All other website domains will be blocked.

4.3.9 Configure Sleep Schedule

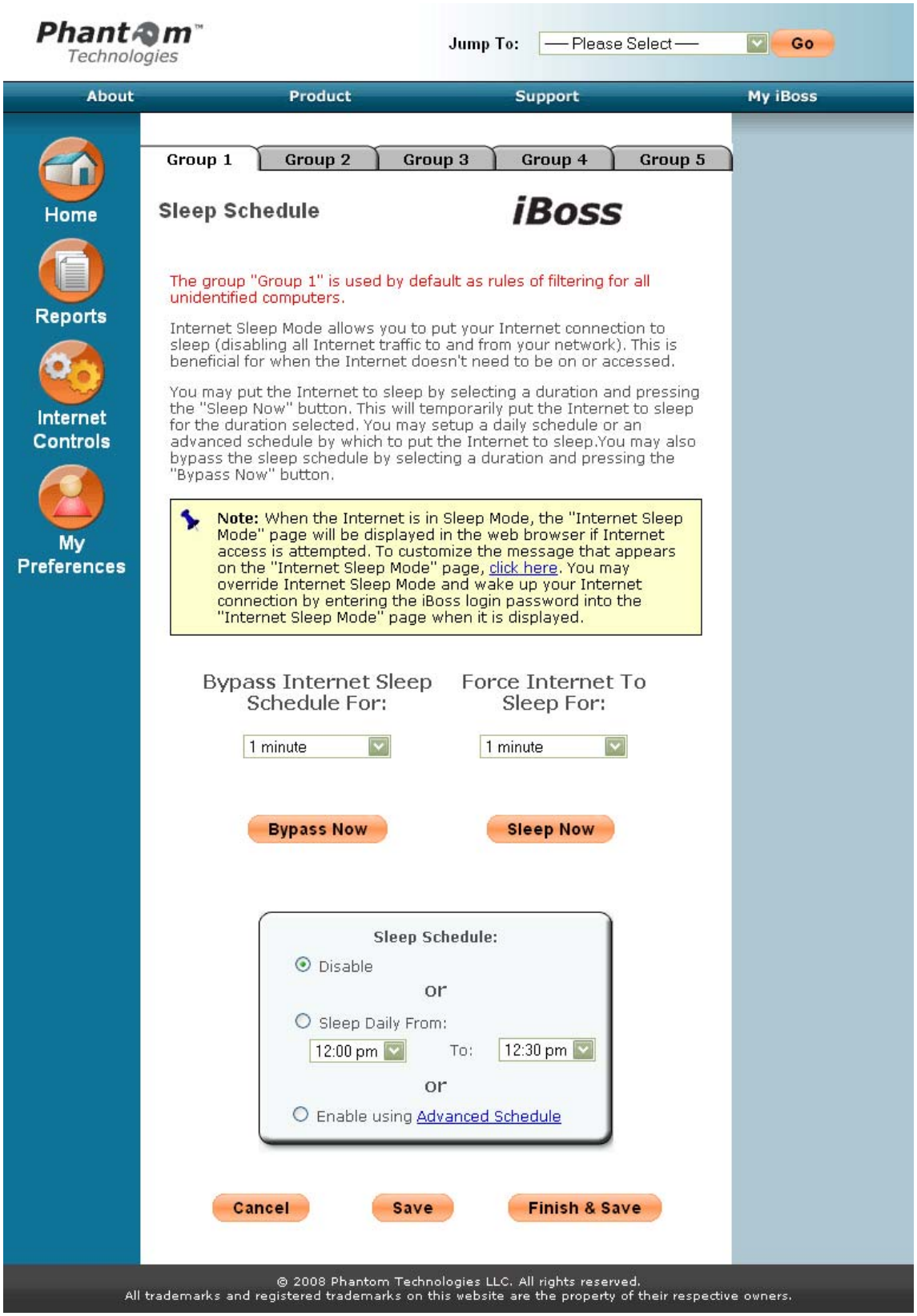
Phantom Technologies
Jump To: — Please Select — Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Group 1
Group 2
Group 3
Group 4
Group 5
Sleep Schedule
iBoss
The group "Group 1" is used by default as rules of filtering for all unidentified computers.
Internet Sleep Mode allows you to put your Internet connection to sleep (disabling all Internet traffic to and from your network). This is beneficial for when the Internet doesn't need to be on or accessed.
You may put the Internet to sleep by selecting a duration and pressing the "Sleep Now" button. This will temporarily put the Internet to sleep for the duration selected. You may setup a daily schedule or an advanced schedule by which to put the Internet to sleep.You may also bypass the sleep schedule by selecting a duration and pressing the "Bypass Now" button.
Note: When the Internet is in Sleep Mode, the "Internet Sleep Mode" page will be displayed in the web browser if Internet access is attempted. To customize the message that appears on the "Internet Sleep Mode" page, click here. You may override Internet Sleep Mode and wake up your Internet connection by entering the iBoss login password into the "Internet Sleep Mode" page when it is displayed.
Bypass Internet Sleep Schedule For:
1 minute
Force Internet To Sleep For:
1 minute
Bypass Now
Sleep Now
Sleep Schedule:
Disable
or
Sleep Daily From:
12:00 pm
To:
12:30 pm
or
Enable using Advanced Schedule
Cancel
Save
Finish & Save
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Figure 20 - Configure Sleep Schedule

Internet Sleep Mode allows you to put your Internet connection to sleep (disabling all Internet traffic to and from your network). This is beneficial for when the Internet doesn't need to be on or accessed.

You may manually force the Internet to sleep by selecting a time period under the "**Force Internet To Sleep For:**" section and pressing the "**Sleep Now**" button. You may also bypass the sleep schedule by selecting a time period under the "**Bypass Internet Sleep Schedule For:**" section and pressing the "**Bypass Now**" button.

When manually forcing the Internet to sleep or bypassing the sleep schedule, a countdown timer will show that will allow you to cancel the forced sleep or cancel the bypass.
You may setup a daily schedule or an Advanced Schedule by which to put the Internet to sleep under the "**Sleep Schedule**" section.

When the Internet is in Sleep Mode, the "**Internet Sleep Mode**" page will be displayed in the web browser if Internet access is attempted. To customize the message that appears on the "**Internet Sleep Mode**" page, go the custom block page messages under preferences. You may override Internet Sleep Mode and wake up your Internet connection by entering the iBoss login password into the "**Internet Sleep Mode**" page if it is displayed.

4.3.9.1 Sleep Mode Page

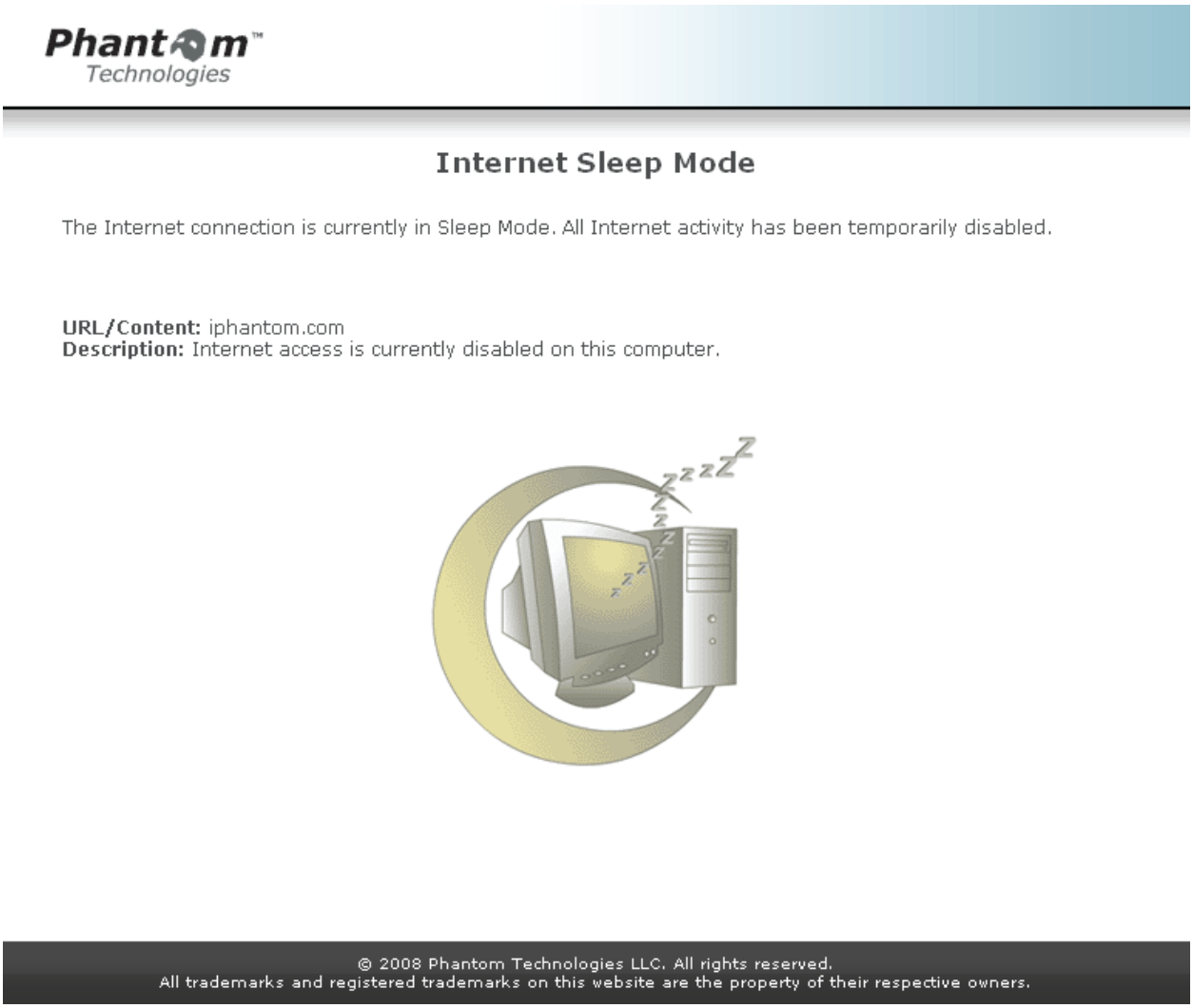
Phantom Technologies
Internet Sleep Mode
The Internet connection is currently in Sleep Mode. All Internet activity has been temporarily disabled.
URL/Content: iphantom.com
Description: Internet access is currently disabled on this computer.
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Figure 21 - Internet Sleep Mode Page

When a page is blocked from violation of the iBoss sleep mode schedule, this page will show up in the web browser to the user. You may manually login and turn off Internet Sleep Mode by typing in the password and pressing Login. The Sleep Mode will continue at the next scheduled time.

If a custom message is set, this will show up above the sleeping computer.

4.4 Edit My Preferences

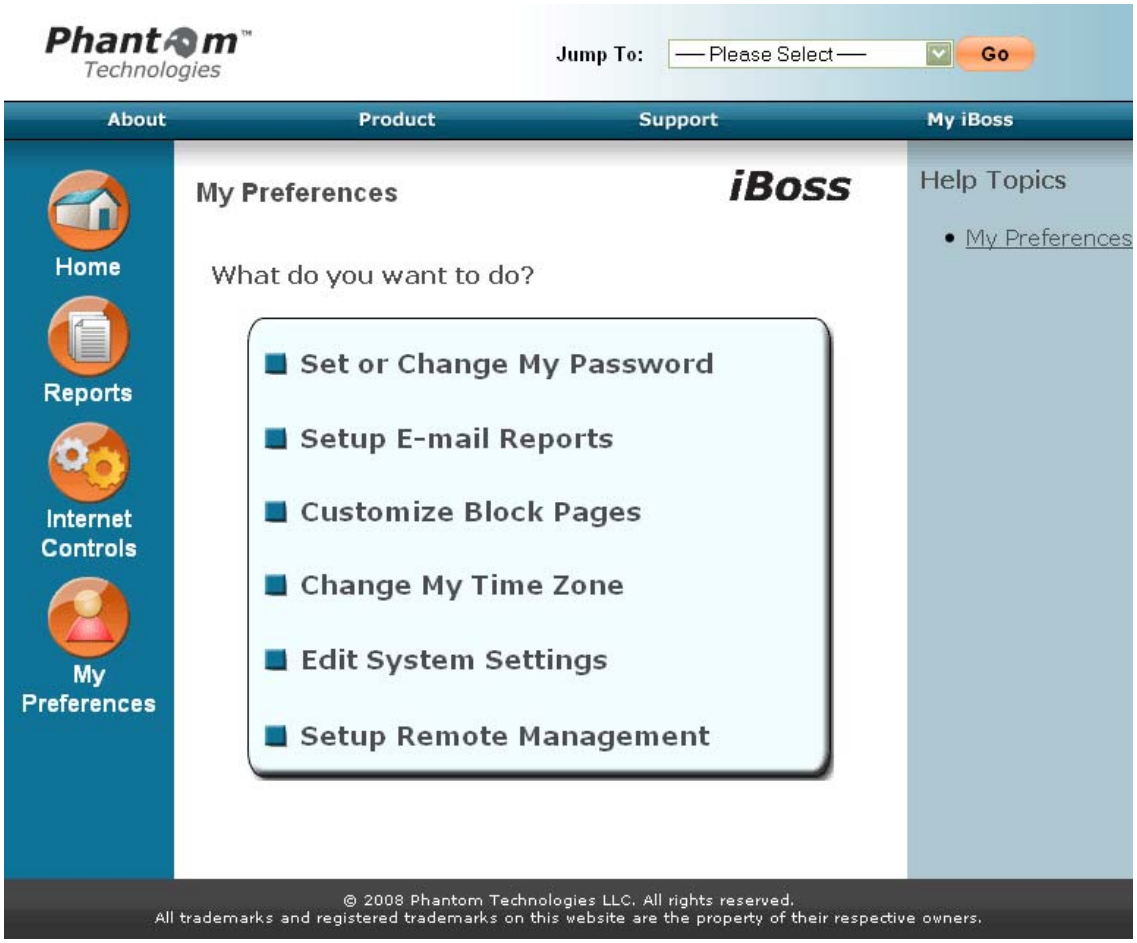

Figure 22 - Edit My Preferences

The "**My Preferences**" menu allows you to choose options for configuring the current preferences of the iBoss. There are six options to choose from: Set or Change My Password, Setup E-mail Reports, Customize Blocked Pages, Change My Time Zone, Edit System Settings, and Setup Remote Management.

Set or Change My Password - This option allows you to set or change the password used for logging into your iBoss device.

Setup E-mail Reports - This option allows you to setup an E-mail address for receiving report logs automatically through E-mail.

Customize Blocked Pages - This option allows you to customize the blocked pages.
Change My Time Zone - This option allows you to change your current time zone. This option is important for your logs and schedules to work accurately.

Edit System Settings - This option allows you to change system settings.

Setup Remote Management - This option allows you to setup Remote Management features.

4.4.1 Set or Change My Password

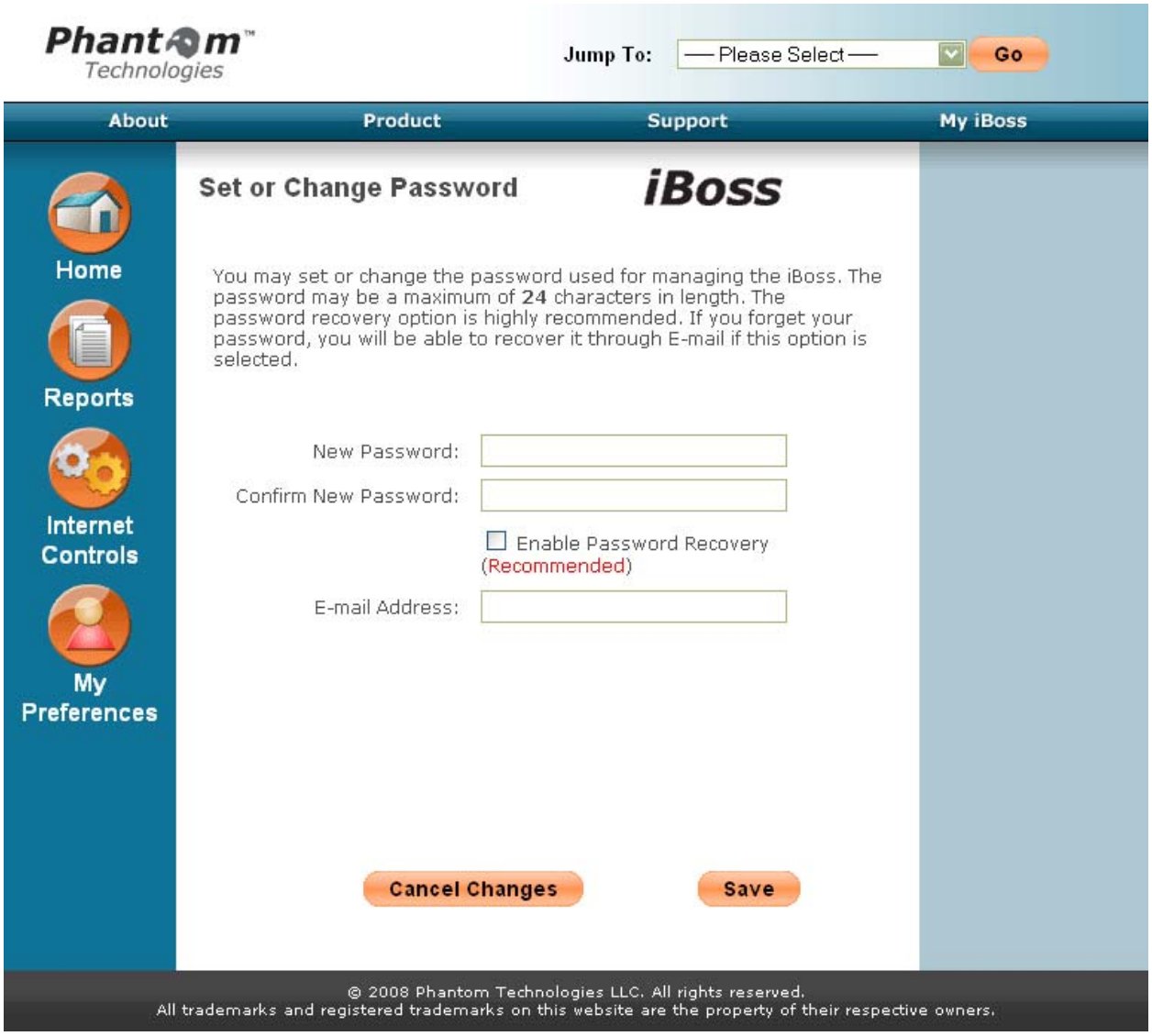
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Set or Change Password
iBoss
You may set or change the password used for managing the iBoss. The password may be a maximum of 24 characters in length. The password recovery option is highly recommended. If you forget your password, you will be able to recover it through E-mail if this option is selected.
New Password:
Confirm New Password:
Enable Password Recovery (Recommended)
E-mail Address:
Cancel Changes
Save
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Figure 23 - Set or Change My Password

You may set or change the password used for managing the iBoss. The password may be a maximum of 24 characters in length. The password recovery option is if your password becomes lost, you will be able to recover it through e-mail if this option is selected.

Note: Be very careful with this password. It is used for configuration for your iBoss and for override functions.

4.4.2 Setup E-mail Reports

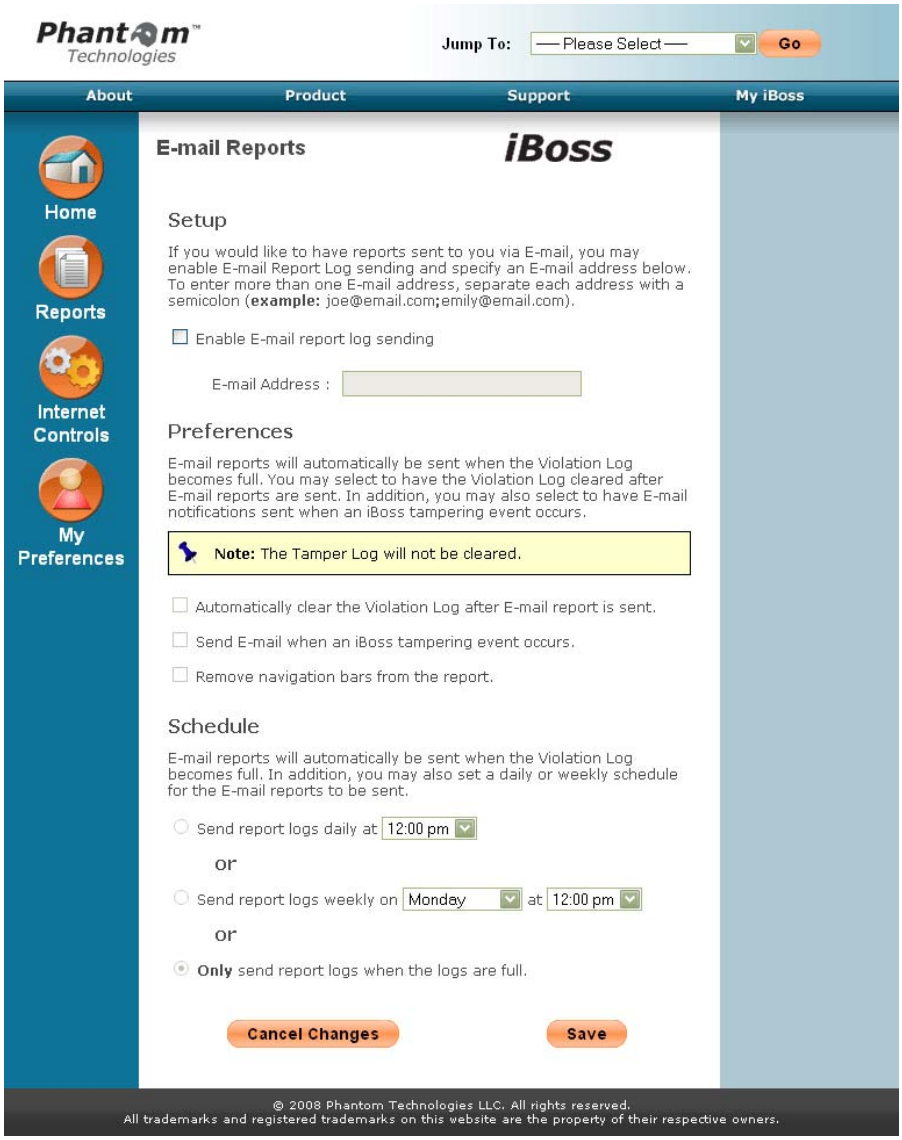
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
E-mail Reports
iBoss
Setup
If you would like to have reports sent to you via E-mail, you may enable E-mail Report Log sending and specify an E-mail address below. To enter more than one E-mail address, separate each address with a semicolon (example: joe@email.com;emily@email.com).
Enable E-mail report log sending
E-mail Address :
Preferences
E-mail reports will automatically be sent when the Violation Log becomes full. You may select to have the Violation Log cleared after E-mail reports are sent. In addition, you may also select to have E-mail notifications sent when an iBoss tampering event occurs.
Note: The Tamper Log will not be cleared.
Automatically clear the Violation Log after E-mail report is sent.
Send E-mail when an iBoss tampering event occurs.
Remove navigation bars from the report.
Schedule
E-mail reports will automatically be sent when the Violation Log becomes full. In addition, you may also set a daily or weekly schedule for the E-mail reports to be sent.
Send report logs daily at 12:00 pm
or
Send report logs weekly on Monday at 12:00 pm
or
Only send report logs when the logs are full.
Cancel Changes
Save
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Figure 24 - Configure Report Settings

These report settings are for the Enterprise Report Manager.

If you would like to have reports sent to you via E-mail, you may enable E-mail Report Log sending and specify an E-mail address below. To enter more than one E-mail address, separate each address with a semicolon (example: joe@email.com;emily@email.com).

E-mail reports will automatically be sent when the Violation Log becomes full. You may select to have the Violation Log cleared after E-mail reports are sent. In addition, you may also select to have
E-mail notifications sent when an iBoss™ Pro tampering event occurs.

Schedule
E-mail reports will automatically be sent when the Violation Log becomes full. In addition, you may also set a daily or weekly schedule for the E-mail reports to be sent.

4.4.3 Customize Block Pages

Phantom Technologies
Jump To: — Please Select — Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Group 1
Group 2
Group 3
Group 4
Group 5
Customize Block Pages
iBoss
The group "Group 1" is used by default as rules of filtering for all unidentified computers.
You may customize the pages that are displayed when a website is blocked due to its content or when the Internet is in Sleep Mode.
Blocked Page
Custom Message
This option allows you to insert a custom message into the Blocked Page. The custom message may be up to 299 characters in length. You may also enable or disable the Password Override feature that appears at the bottom of the page.
Custom Blocked Page Message:
299 characters left
Display Password-Based Override Option
Custom Page
This option allows you to replace the entire Blocked Page with your own custom web page. This option is for advanced users only. You may enter your own HTML-based web page into the form below. The webpage may be up to 299 characters in length.
Custom Web Page (HTML-Based):
299 characters left
Redirect Page
This option allows you specify your own URL to use as the Blocked Page. Users will be redirected to this URL instead of the default Block Page. The URL may be up to 255 characters in length.
Enter URL:
http://
Silent Drop
Selecting this option will cause the iBoss to silently drop violations and prevent the iBoss from sending a blocked page response to the user when a violation occurs.
Sleep Mode Page
Custom Message
This option allows you to insert a custom message into the Sleep Mode Page. The custom message may be up to 299 characters in length. You may also enable or disable the Password Override feature that appears at the bottom of the page.
Custom Sleep Page Message:
299 characters left
Display Password-Based Override Option
Custom Page
This option allows you to replace the entire Sleep Mode Page with your own custom web page. This option is for advanced users only. You may enter your own HTML-based web page into the form below. The webpage may be up to 299 characters in length.
Custom Web Page (HTML-Based):
299 characters left
Redirect Page
This option allows you specify your own URL to use as the Sleep Mode Page. Users will be redirected to this URL instead of the default Sleep Mode Page. The URL may be up to 255 characters in length.
Enter URL:
http://
Silent Drop
Selecting this option will cause the iBoss to silently drop the connection when the computer is in sleep mode. The user will not receive the Sleep Mode Page if this option is selected and the Internet will appear to be unavailable.
Cancel
Save
Finish & Save
Help Topics
Blocked Page Messages
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Figure 25 - Customize Block Pages

You may customize the pages that are displayed when a website is blocked due to its content or when the Internet is in Sleep Mode.

Blocked Page Custom Message - This option allows you to insert a custom message into the Blocked Page. The custom message may be up to 299 characters in length. You may also enable or disable the Password Override feature that appears at the bottom of the page.

Blocked Page Custom Page - This option allows you to replace the entire Blocked Page with your own custom web page. This option is for advanced users only. You may enter your own HTML-based web page into the form below. The webpage may be up to 299 characters in length.

Blocked Page Redirect Page - This option allows you specify your own URL to use as the Blocked Page. Users will be redirected to this URL instead of the default Block Page. The URL may be up to 255 characters in length.

Sleep Mode Custom Message - This option allows you to insert a custom message into the Sleep Mode Page. The custom message may be up to 299 characters in length. You may also enable or disable the Password Override feature that appears at the bottom of the page.

Sleep Mode Custom Page - This option allows you to replace the entire Sleep Mode Page with your own custom web page. This option is for advanced users only. You may enter your own HTML-based web page into the form below. The webpage may be up to 299 characters in length.

Sleep Mode Redirect Page - This option allows you specify your own URL to use as the Sleep Mode Page. Users will be redirected to this URL instead of the default Sleep Mode Page. The URL may be up to 255 characters in length.

4.4.3.1 Blocked Page

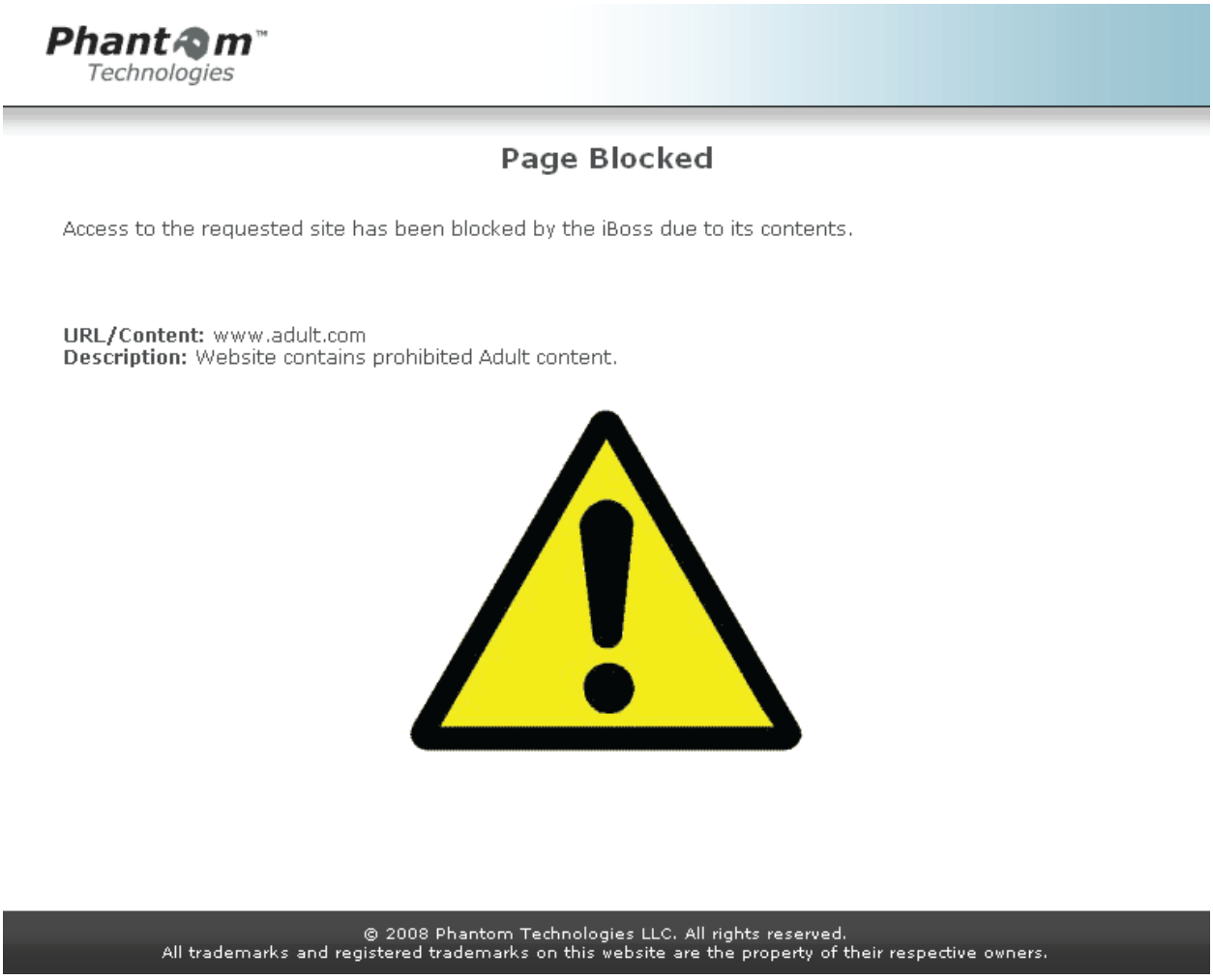
Phantom Technologies
Page Blocked
Access to the requested site has been blocked by the iBoss due to its contents.
URL/Content: www.adult.com
Description: Website contains prohibited Adult content.
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Figure 26 - iBoss Blocked Page

When a page is blocked from violation of the iBoss settings, this page will show up in the web browser to the user. You may manually login and add sites to the allowlist if you feel that you have received the blocked page in error by typing in the password and pressing Login. If a custom message is set, this will show up above the exclamation point.

4.4.4 Change My Time Zone

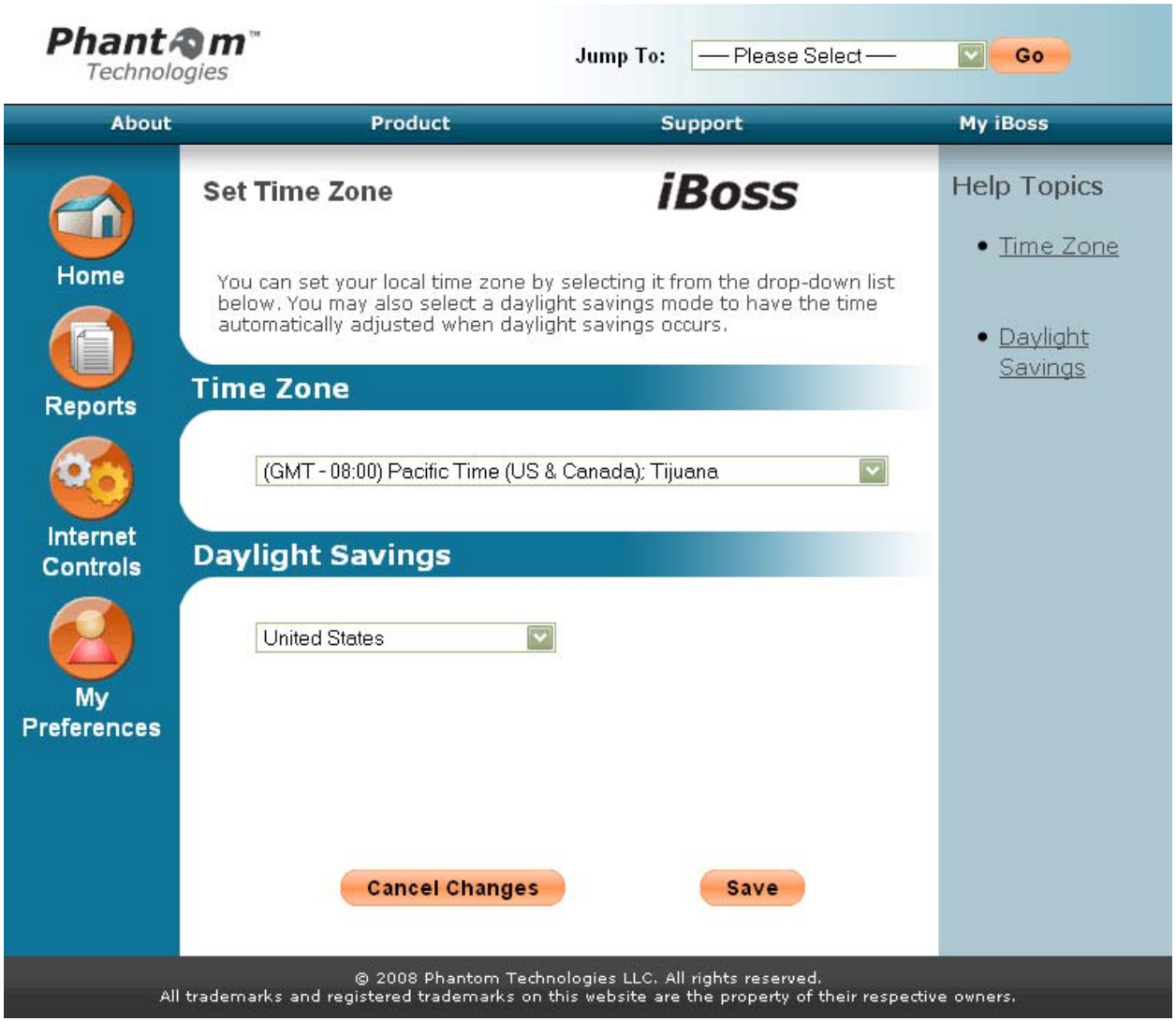
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Set Time Zone
iBoss
You can set your local time zone by selecting it from the drop-down list below. You may also select a daylight savings mode to have the time automatically adjusted when daylight savings occurs.
Time Zone
(GMT - 08:00) Pacific Time (US & Canada); Tijuana
Daylight Savings
United States
Cancel Changes
Save
Help Topics
Time Zone
Daylight Savings
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Figure 27 - Set Time Zone

The "Time Zone" page allows you to edit your current time zone settings and enable daylight savings.

Time Zone - This option allows you to set your local time zone. This is important for the logging and scheduling to work accurately.

Daylight Savings - This option allows you to setup daylight savings time for your local time zone setting.

4.4.5 Edit System Settings

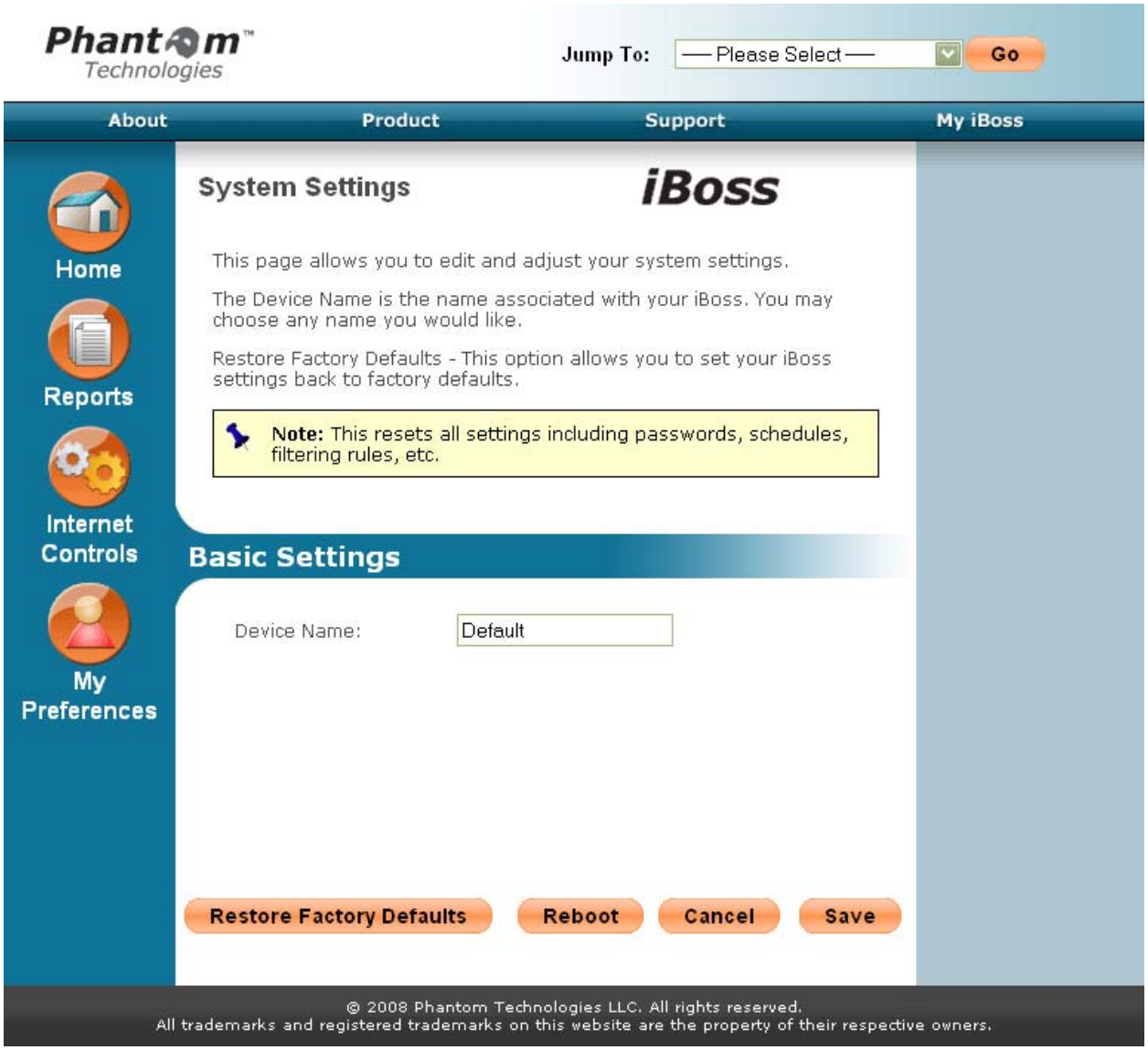
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
System Settings
iBoss
This page allows you to edit and adjust your system settings.
The Device Name is the name associated with your iBoss. You may choose any name you would like.
Restore Factory Defaults - This option allows you to set your iBoss settings back to factory defaults.
Note: This resets all settings including passwords, schedules, filtering rules, etc.
Basic Settings
Device Name:
Default
Restore Factory Defaults
Reboot
Cancel
Save
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Figure 28 - Edit System Settings

The "Edit System Settings" page allows you to edit your device name of your iBoss.

Restore Factory Defaults - This option allows you to set your iBoss settings back to factory defaults.

Reboot - This option allows you to reboot your iBoss. These will not affect any settings.

4.4.6 Remote Management

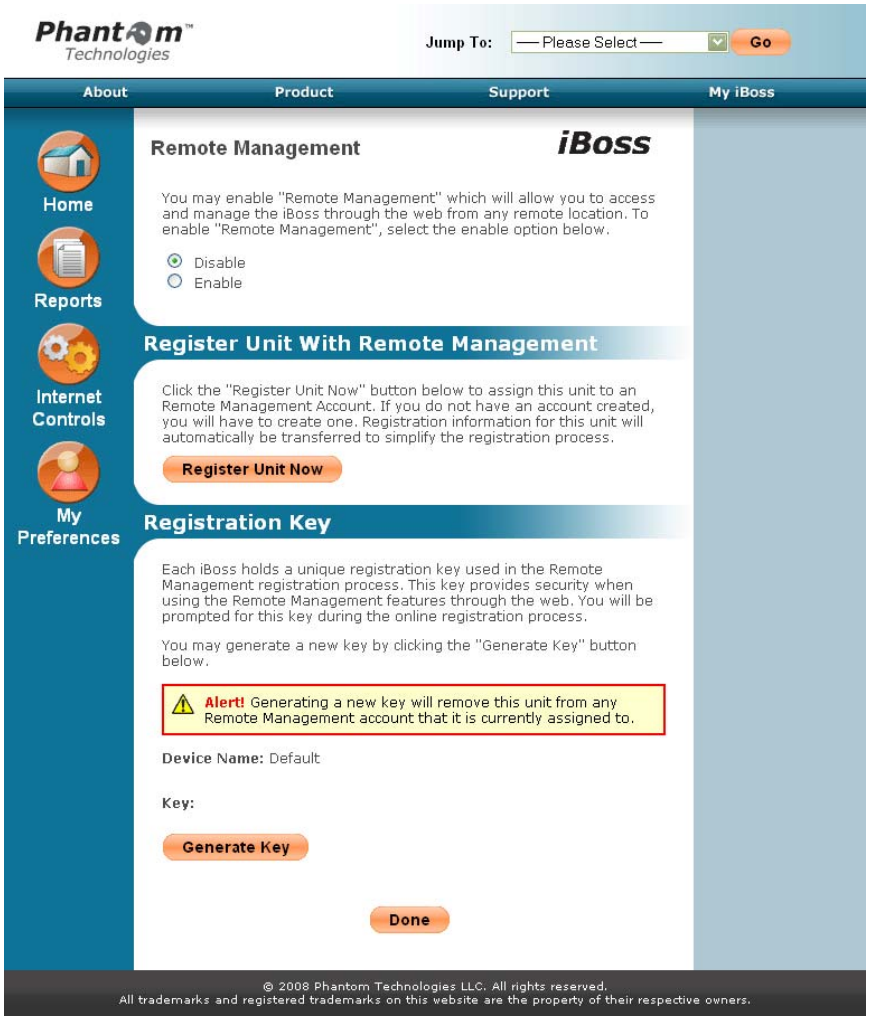
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Remote Management
iBoss
You may enable "Remote Management" which will allow you to access and manage the iBoss through the web from any remote location. To enable "Remote Management", select the enable option below.
Disable
Enable
Register Unit With Remote Management
Click the "Register Unit Now" button below to assign this unit to an Remote Management Account. If you do not have an account created, you will have to create one. Registration information for this unit will automatically be transferred to simplify the registration process.
Register Unit Now
Registration Key
Each iBoss holds a unique registration key used in the Remote Management registration process. This key provides security when using the Remote Management features through the web. You will be prompted for this key during the online registration process.
You may generate a new key by clicking the "Generate Key" button below.
Alert! Generating a new key will remove this unit from any Remote Management account that it is currently assigned to.
Device Name: Default
Key:
Generate Key
Done
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Figure 29 - Setup Remote Management

You may enable "Remote Management" which will allow you to access and manage the iBoss through the web from any remote location. To enable "Remote Management", select the enable option below.

Register Unit with Remote Management

Click the "Register Unit Now" button below to assign this unit to an Remote Management Account. If you do not have an account created, you will have to create one. Registration information for this unit will automatically be transferred to simplify the registration process.

Registration Key

Each iBoss holds a unique registration key used in the Remote Management registration process. This key provides security when using the Remote Management features through the web. You will be prompted for this key during the online registration process.

4.5 Identify Computers & Users

Figure 30 - Identify Computers & Users

The Identify Computers & Users has tabs at the top to switch from identified computers, added user accounts, and groups.

4.5.1 Identify Computers

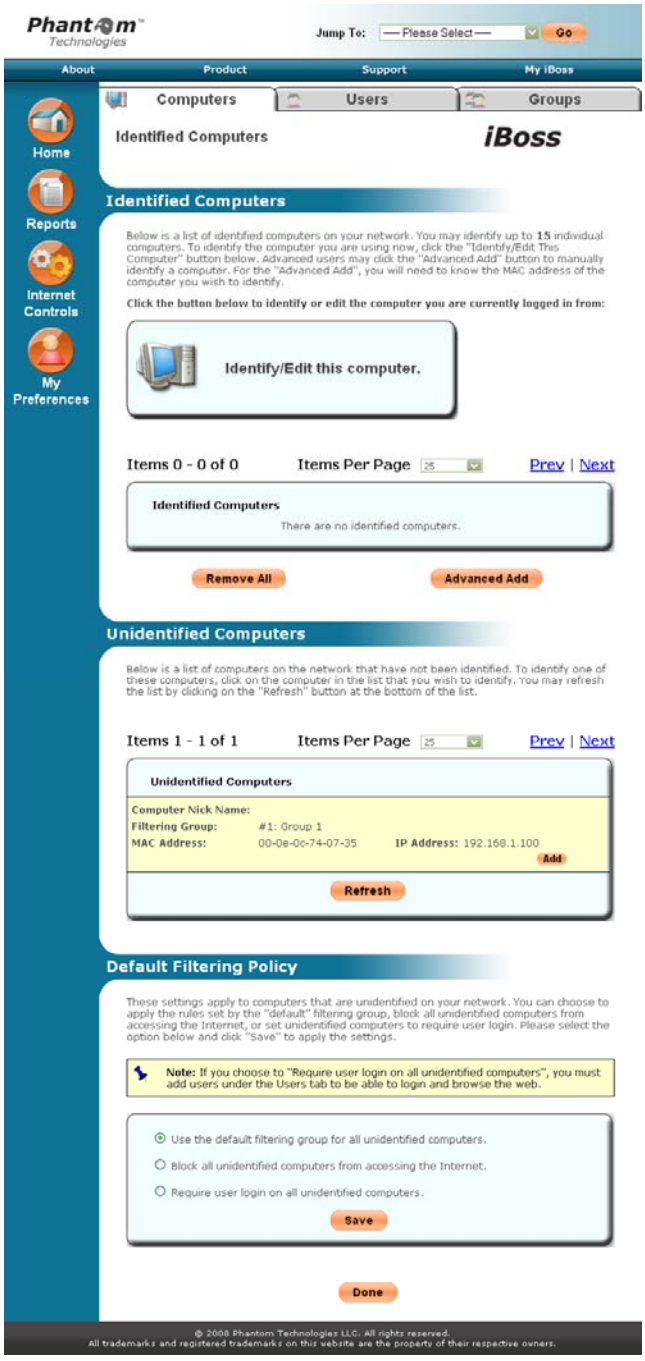
Phantom Technologies
Jump To: — Please Select — Go
About
Product
Support
My iBoss
Computers
Users
Groups
Home
Reports
Internet Controls
My Preferences
Identified Computers
iBoss
Identified Computers
Below is a list of identified computers on your network. You may identify up to 15 individual computers. To identify the computer you are using now, click the "Identify/Edit This Computer" button below. Advanced users may click the "Advanced Add" button to manually identify a computer. For the "Advanced Add", you will need to know the MAC address of the computer you wish to identify.
Click the button below to identify or edit the computer you are currently logged in from:
Identify/Edit this computer.
Items 0 - 0 of 0
Items Per Page 25
Prev | Next
Identified Computers
There are no identified computers.
Remove All
Advanced Add
Unidentified Computers
Below is a list of computers on the network that have not been identified. To identify one of these computers, click on the computer in the list that you wish to identify. You may refresh the list by clicking on the "Refresh" button at the bottom of the list.
Items 1 - 1 of 1
Items Per Page 25
Prev | Next
Unidentified Computers
Computer Nick Name:
Filtering Group: #1: Group 1
MAC Address: 00-0e-0c-74-07-35
IP Address: 192.168.1.100
Add
Refresh
Default Filtering Policy
These settings apply to computers that are unidentified on your network. You can choose to apply the rules set by the "default" filtering group, block all unidentified computers from accessing the Internet, or set unidentified computers to require user login. Please select the option below and click "Save" to apply the settings.
Note: If you choose to "Require user login on all unidentified computers", you must add users under the Users tab to be able to login and browse the web.
Use the default filtering group for all unidentified computers.
Block all unidentified computers from accessing the Internet.
Require user login on all unidentified computers.
Save
Done
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Figure 31 - Identify Computers

To identify the computer you are using now, click the "Identify/Edit this computer" button. Advanced users may click the "Advanced Add" button to manually identify a computer. For the "Advanced Add", you will need to know the MAC address of the computer you wish to identify. You may click on Import to import computers to the identified list. Please see the Computer Import section for more information.

Unidentified Computers - This is a list of computers on the network that have not been identified. To identify one of these computers, click Add on the computer in the list that you wish to identify. You may refresh the list by clicking on the "Refresh" button at the bottom of the list.

Default Filtering Policy - These settings apply to computers that are unidentified on your network. You can choose to apply the rules set by the "default" filtering group, block all unidentified computers from accessing the Internet, or set unidentified computers to require user login.

Note: If you choose to "Require user login on all unidentified computers", you must add users under the Users tab to be able to login and browse the web.

4.5.1.1 Identifying a Computer

Phantom Technologies
Identify Computer
Please enter the following information to identify this computer:
Computer Nickname:
ID/MAC:
00-00-00-00-00-00
Apply Filtering:
No, Bypass Filtering Rules
Cancel
Save
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Figure 32 - Identifying a Computer

To identify a computer, you may enter a Computer Nickname for the computer. When clicking on the button "Identify/Edit This Computer", the ID/MAC address is automatically entered for you. When clicking on "Advanced Add" you may enter in the ID/MAC address for the computer you are identifying.

You may either set the Apply Filtering to "Yes, Use Group 1* Rules" with one of the filtering groups, "No, Bypass Filtering Rules" or “Require user login for this computer” for the computer you are identifying. When finished click the "Save" button. If you want to cancel your changes click the "Cancel" button.

*The "Yes, Use Group 1 Rules" will show the assigned name of the filtering group.

Note: Computers with filtering rules applied will be filtered by the iBoss. Computers with filtering rules bypassed will bypass the iBoss.

4.5.2 Identify Users

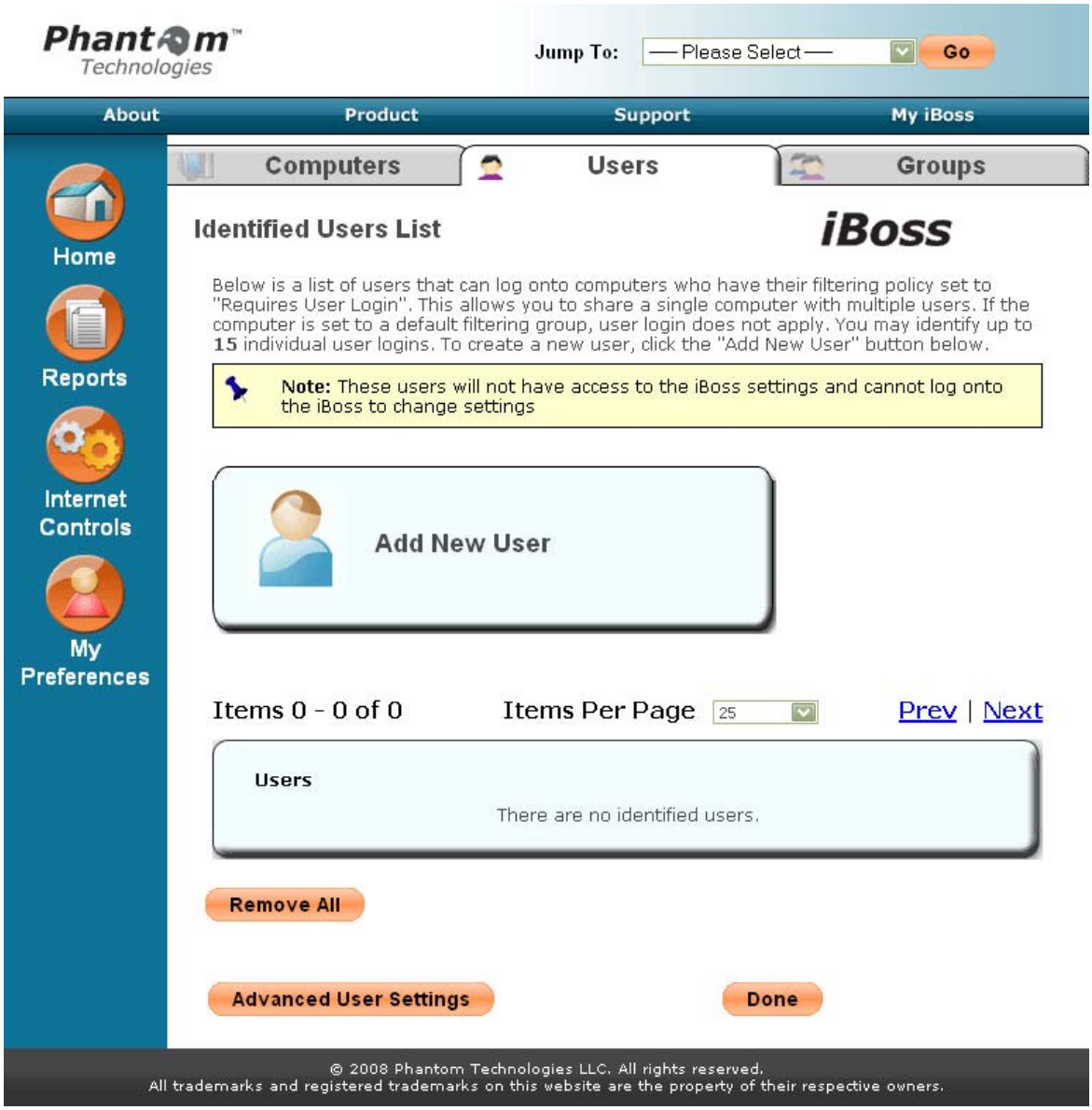
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Computers
Users
Groups
Home
Reports
Internet Controls
My Preferences
Identified Users List
iBoss
Below is a list of users that can log onto computers who have their filtering policy set to "Requires User Login". This allows you to share a single computer with multiple users. If the computer is set to a default filtering group, user login does not apply. You may identify up to 15 individual user logins. To create a new user, click the "Add New User" button below.
Note: These users will not have access to the iBoss settings and cannot log onto the iBoss to change settings
Add New User
Items 0 - 0 of 0
Items Per Page
25
Prev | Next
Users
There are no identified users.
Remove All
Advanced User Settings
Done
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Figure 33 - Identify Users

This is a list of users that can log onto computers who have their filtering policy set to "Requires User Login". This allows you to share a single computer with multiple users. If the computer is set to a default filtering group, user login does not apply. To create a new user, click the "Add New User" button.

Note: These users will not have access to the iBoss settings and cannot log onto the iBoss to change settings.

You may choose to Import Users using a list. Please see the Importing Users section for more information.

You may click the Advanced User Settings for more advanced options when using user login.

4.5.2.1 Adding a User

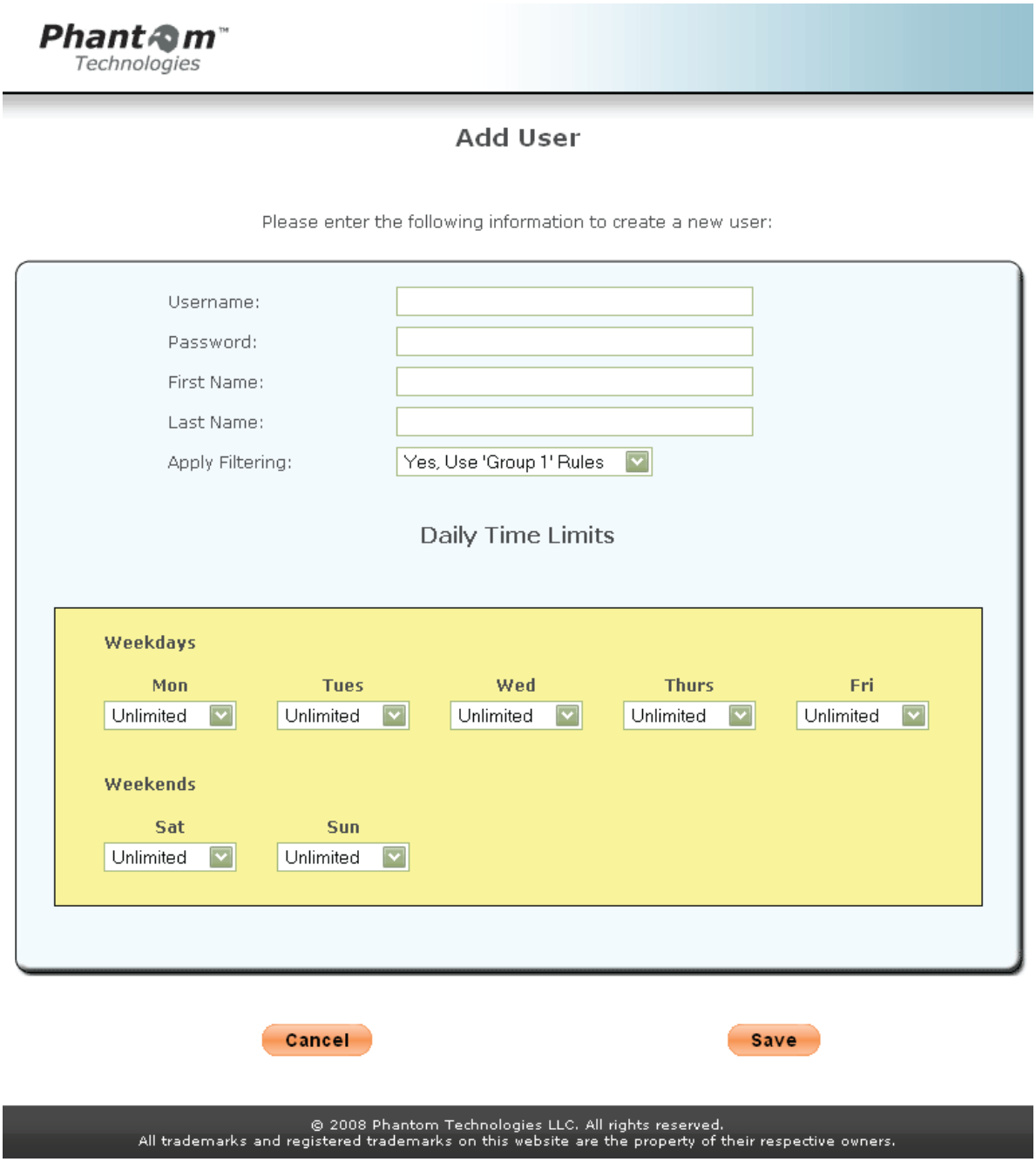

Figure 34 - Adding a User

To identify a user, you may enter a Username, Password, First Name, and Last Name. You may either set the Apply Filtering to "**Yes, Use Group 1* Rules**" using one of the filtering groups or "**No, Bypass Filtering Rules**" for the user you are identifying.

Daily Time Limits - This will allow you to set daily time limits for each day of the week for a user. You can set a time between 15 minutes to 23 hours that a user can be logged in from throughout the day. This means that when a user has the allocated time throughout the day to use the time limit. When finished click the "**Save**" button. If you want to cancel your changes click the "**Cancel**" button.

4.5.2.2 Advanced User Settings

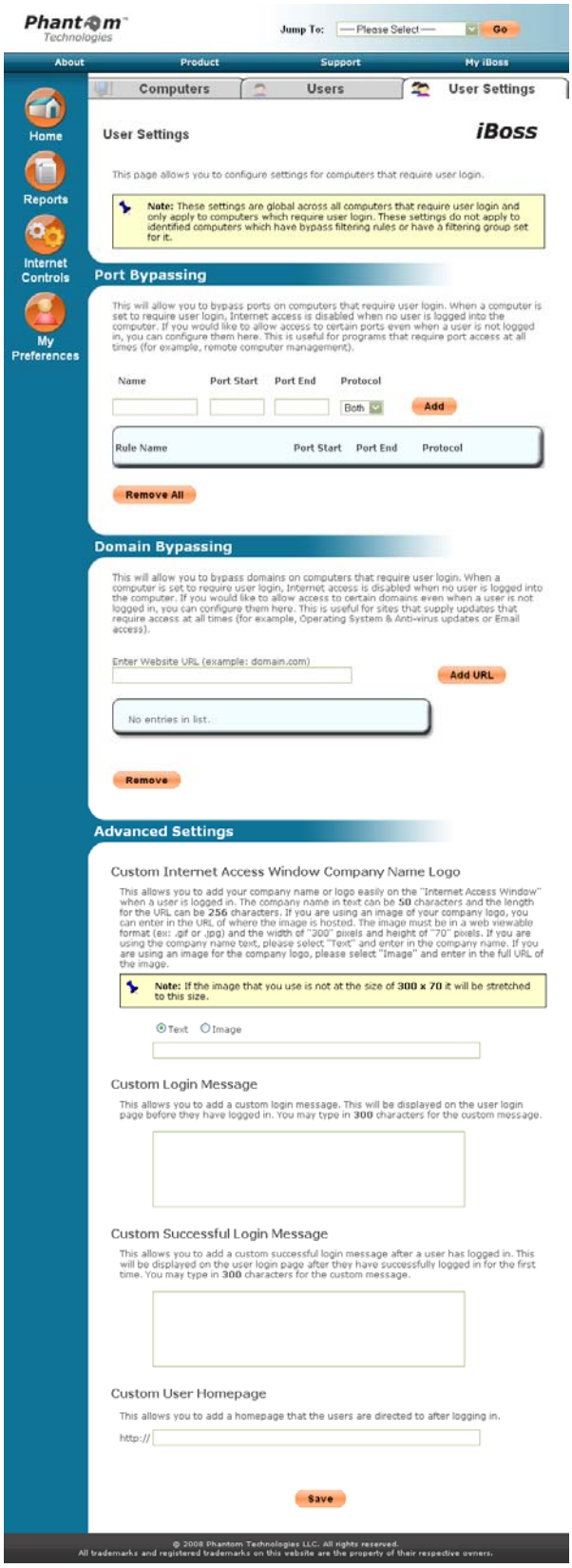
Phantom Technologies
Jump To: — Please Select — Go
About Product Support My iBoss
Computers Users User Settings
Home
Reports
Internet Controls
My Preferences
User Settings
iBoss
This page allows you to configure settings for computers that require user login.
Note: These settings are global across all computers that require user login and only apply to computers which require user login. These settings do not apply to identified computers which have bypass filtering rules or have a filtering group set for it.
Port Bypassing
This will allow you to bypass ports on computers that require user login. When a computer is set to require user login, Internet access is disabled when no user is logged into the computer. If you would like to allow access to certain ports even when a user is not logged in, you can configure them here. This is useful for programs that require port access at all times (for example, remote computer management).
Name Port Start Port End Protocol
Both
Add
Rule Name Port Start Port End Protocol
Remove All
Domain Bypassing
This will allow you to bypass domains on computers that require user login. When a computer is set to require user login, Internet access is disabled when no user is logged into the computer. If you would like to allow access to certain domains even when a user is not logged in, you can configure them here. This is useful for sites that supply updates that require access at all times (for example, Operating System & Anti-virus updates or Email access).
Enter Website URL (example: domain.com)
Add URL
No entries in list.
Remove
Advanced Settings
Custom Internet Access Window Company Name Logo
This allows you to add your company name or logo easily on the "Internet Access Window" when a user is logged in. The company name in text can be 50 characters and the length for the URL can be 256 characters. If you are using an image of your company logo, you can enter in the URL of where the image is hosted. The image must be in a web viewable format (ex: .gif or .jpg) and the width of "300" pixels and height of "70" pixels. If you are using the company name text, please select "Text" and enter in the company name. If you are using an image for the company logo, please select "Image" and enter in the full URL of the image.
Note: If the image that you use is not at the size of 300 x 70 it will be stretched to this size.
Text Image
Custom Login Message
This allows you to add a custom login message. This will be displayed on the user login page before they have logged in. You may type in 300 characters for the custom message.
Custom Successful Login Message
This allows you to add a custom successful login message after a user has logged in. This will be displayed on the user login page after they have successfully logged in for the first time. You may type in 300 characters for the custom message.
Custom User Homepage
This allows you to add a homepage that the users are directed to after logging in.
http://
Save
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Figure 35 – Advanced User Settings

This page allows you to configure settings for computers that require user login.
Note: These settings are global across all computers that require user login and only apply to computers which require user login. These settings do not apply to identified computers which have bypass filtering rules or have a filtering group set for it.

Port Bypassing - This will allow you to bypass ports on computers that require user login. When a computer is set to require user login, Internet access is disabled when no user is logged into the computer. If you would like to allow access to certain ports even when a user is not logged in, you can configure them here. This is useful for programs that require port access at all times (for example, remote computer management).

Domain Bypassing - This will allow you to bypass domains on computers that require user login. When a computer is set to require user login, Internet access is disabled when no user is logged into the computer. If you would like to allow access to certain domains even when a user is not logged in, you can configure them here. This is useful for sites that supply updates that require access at all times (for example, Operating System & Anti-virus updates or Email access).

Custom Internet Access Window Company Name Logo - This allows you to add your company name or logo easily on the "Internet Access Window" when a user is logged in. The company name in text can be 50 characters and the length for the URL can be 256 characters. If you are using an image of your company logo, you can enter in the URL of where the image is hosted. The image must be in a web viewable format (ex: .gif or .jpg) and the width of "300" pixels and height of "70" pixels. If you are using the company name text, please select "Text" and enter in the company name. If you are using an image for the company logo, please select "Image" and enter in the full URL of the image.

Note: If the image that you use is not at the size of 300 x 70 it will be stretched to this size

Custom Login Message - This allows you to add a custom login message. This will be displayed on the user login page before they have logged in. You may type in 300 characters for the custom message.

Custom Successful Login Message - This allows you to add a custom successful login message after a user has logged in. This will be displayed on the user login page after they have successfully logged in for the first time. You may type in 300 characters for the custom message.

Custom User Homepage - This allows you to add a homepage that the users are directed to after logging in.

4.5.2.3 User Internet Access Window

Figure 36 - Internet Access Window Login

Internet Access Window
You must keep this window open to remain logged in. Do not forget to logout once you are finished.
Name: Christopher Park
Session Time: < 1 Minute
Time Remaining: 07:59 / 08:00
Logout
Powered By:
iBoss Pro 80 Business
© www.PhantomTechnologies.com

Figure 37 - Internet Access Window Session

The iBoss Internet Access Window is the session window for the user that is logged in. This window must be kept open to remain logged in. This window will show you the Name of the user logged in, how long they have been logged in (Session Time), and Time Remaining/Daily time limit. The iBoss user login feature also allows you to put your own Company Name in text or put a URL for a Company Logo Image. The user login feature allows you to put custom messages before a user logs in and after they log in. This allows you to post company policies and rules before using the Internet to protect your company from liability conflicts.

4.5.3 Filtering Groups

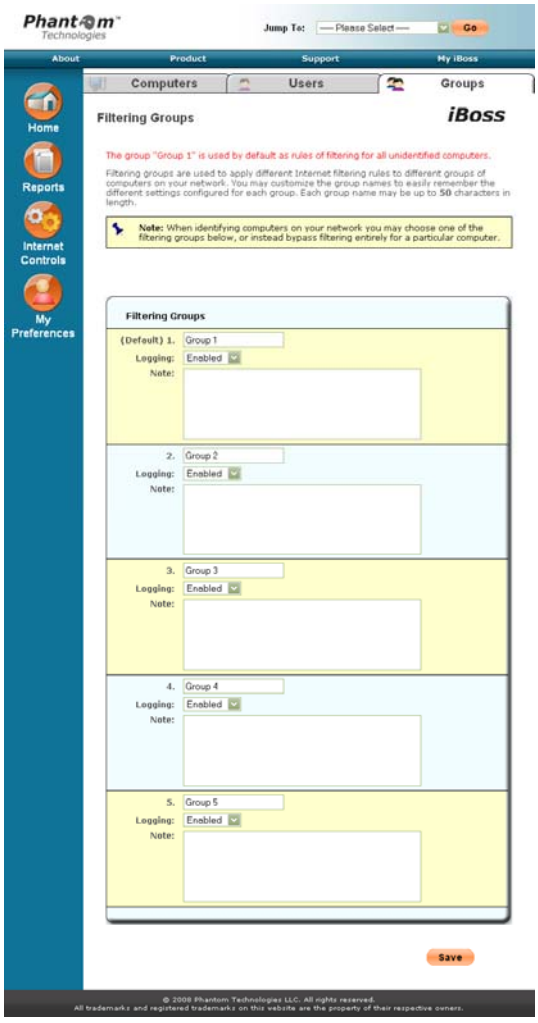
Jump To:
Please Select
Go
About
Product
Support
My iBoss
Computers
Users
Groups
Home
Reports
Internet Controls
My Preferences
Filtering Groups
iBoss
The group "Group 1" is used by default as rules of filtering for all unidentified computers.
Filtering groups are used to apply different Internet filtering rules to different groups of computers on your network. You may customize the group names to easily remember the different settings configured for each group. Each group name may be up to 50 characters in length.
Note: When identifying computers on your network you may choose one of the filtering groups below, or instead bypass filtering entirely for a particular computer.
Filtering Groups
(Default) 1.
Group 1
Logging:
Enabled
Note:
2.
Group 2
3.
Group 3
4.
Group 4
5.
Group 5
Save
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Figure 38 - Edit Filtering Groups

You may customize the different filtering group names to easily remember the different settings of the filtering groups. These filtering groups are used for setting the rules for identified computers and users

Note: The filtering group "**Group 1**" is used by default as rules of filtering for all unidentified computers if you have this option set.

4.5.3.1 Filtering Group Tabs

Figure 39 - Filtering Group Tabs

When configuring the rules for your iBoss, you will notice the Group tabs at the top of each configuration page. These pages allow you to set different filtering rules for the different filtering groups. The selected group will appear to have the tab in front of the other tabs. To switch configuration for different groups, select the group tab at the top of the page or from the drop down menu to quickly jump to a filtering group. You may use the arrows to go to the next or previous set of filtering groups.

4.6 Setup Network Connection

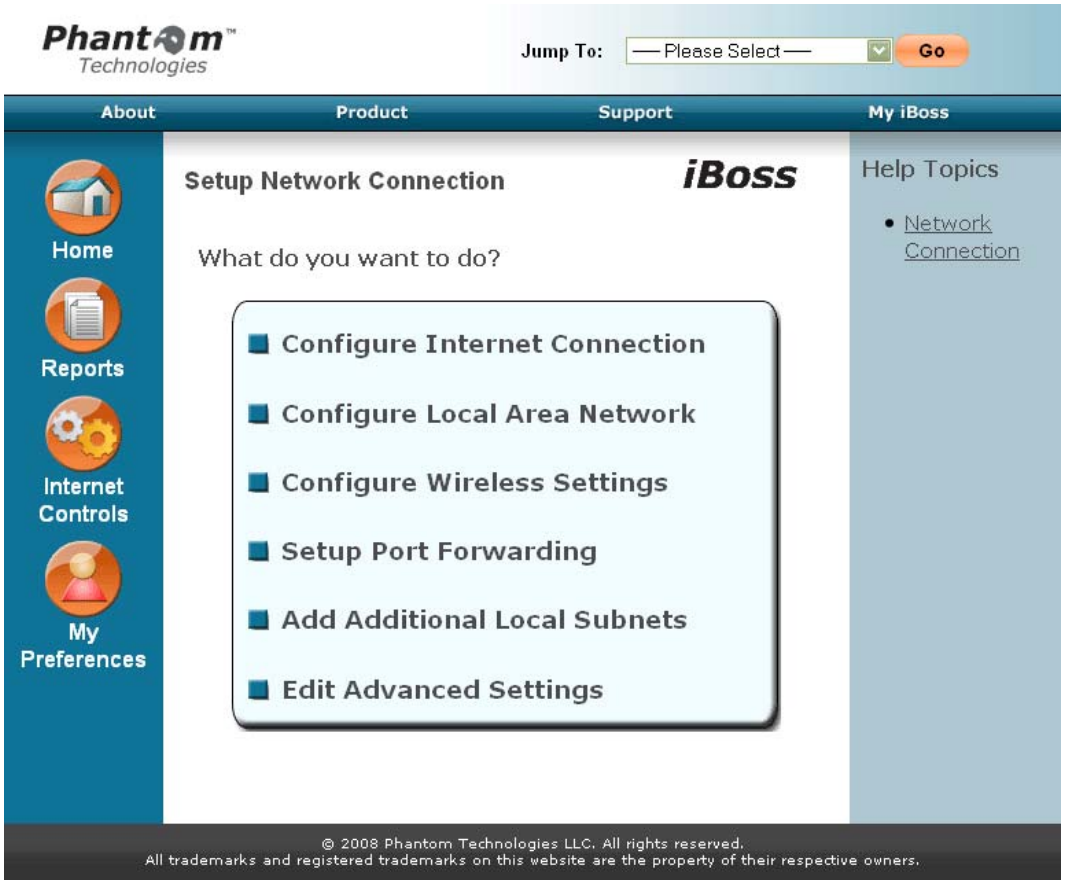

Figure 40 - Setup Network Connection

The "**Setup Network Connection**" menu lets you choose options for configuring the current iBoss Network Connections. There are five options to choose from: Configure Internet Connection, Configure Local Area Network, Configure Wireless Settings, Setup Port Forwarding, and Edit Advanced Settings.

Configure Internet Connection - This option allows you to configure the Internet (WAN) connection of the iBoss.

Configure Local Area Network - This option allows you to configure the local area network (LAN) address and DHCP server of the iBoss.

Configure Wireless Settings - This option allows you to configure the wireless settings of the iBoss.

Setup Port Forwarding - This option allows you to configure any port forwarding rules for the iBoss.

Add Additional Local Subnets - This option allows you to add additional local subnets if needed.

Edit Advanced Settings - This option allows you to edit advanced settings like device name and port used by the iBoss.

4.6.1 Configure Local Area Network

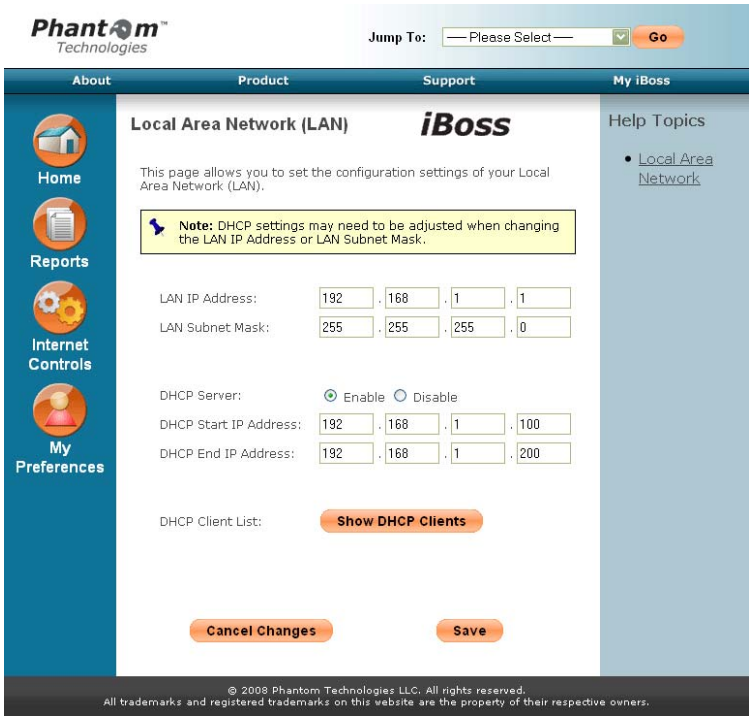
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Local Area Network (LAN)
iBoss
This page allows you to set the configuration settings of your Local Area Network (LAN).
Note: DHCP settings may need to be adjusted when changing the LAN IP Address or LAN Subnet Mask.
LAN IP Address: 192 . 168 . 1 . 1
LAN Subnet Mask: 255 . 255 . 255 . 0
DHCP Server: Enable Disable
DHCP Start IP Address: 192 . 168 . 1 . 100
DHCP End IP Address: 192 . 168 . 1 . 200
DHCP Client List:
Show DHCP Clients
Cancel Changes
Save
Help Topics
Local Area Network
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Figure 41 - Configure Local Area Network

This section allows you to configure the LAN settings for the iBoss™ Pro. You can set the following settings:

LAN IP Address - This is the IP address of the iBoss™ Pro on the LAN network. This will be your LAN clients default gateway IP address and the IP address for the iBoss™ Pro local interface.

LAN Subnet Mask - This is the subnet mask segment associated with the LAN IP Address.

DHCP Server - You can enable or disable the DHCP server within the iBoss™ Pro. By enabling the DHCP server the router will automatically give your LAN clients an IP address. If the DHCP is not enabled then you'll have to manually set your LAN client's IP addresses; make sure the LAN client is in the same subnet as this broadband router if you want the router to be your LAN client's default gateway

DHCP Start IP Address - You can select a particular IP address range for your DHCP server to issue IP addresses to your LAN Clients. This is the start of the DHCP IP address range for the LAN.

DHCP End IP Address - This is the end of the DHCP IP address range for the LAN.

Note: By default the IP range is from: Start IP **192.168.1.100** to End IP **192.168.1.200**. If you want your PC to have a static/fixed IP address then you'll have to choose an IP address outside this IP address range.

4.6.2 Configure Wireless Settings

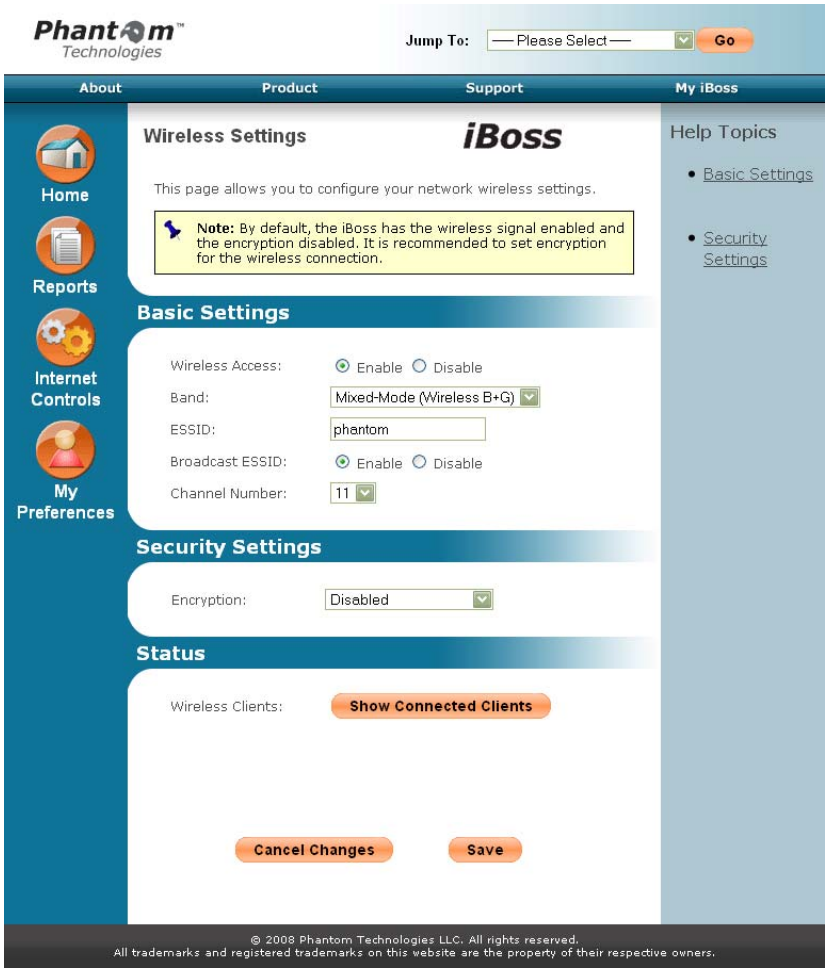


Figure 42 - Configure Wireless Settings

The iBoss™ Pro has an 802.11g wireless signal and can support computers with an IEEE 802.11b or 802.11g wireless adapter. You can connect wirelessly from your computers through its signal. By default, the wireless signal does **not** have a passkey and is **not** encrypted.

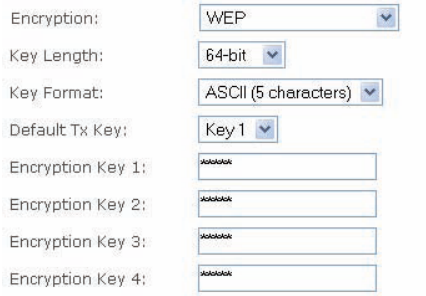
Note: The default wireless signal coming from the iBoss™ Pro has an ESSID of "**phantom-xxxx**".

You can choose whether to enable or disable the wireless access. You may change the ESSID to one that you prefer and choose whether to enable the broadcast for the signal. The wireless access point provides wireless LAN security functions, include WEP, and WPA with pre-shared key. With these security functions, you can prevent your wireless LAN from illegal access.

Please make sure your wireless stations use the same security function.
Choose whether to disabled encryption or use WPA with pre-shared key or WEP.

WEP
When you select 64-bit or128-bit WEP key, you have to enter WEP keys to encrypt data. You can generate the key by yourself and enter it. You can enter four WEP keys and select

one of them as default key. Then the iBoss™ Pro can receive any packets encrypted by one of the four keys.



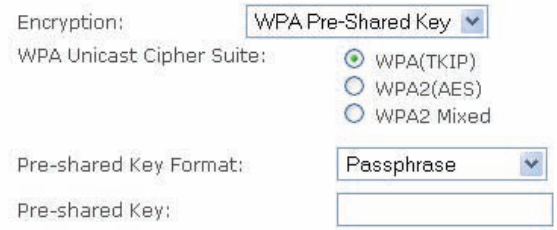
Key Length - 64-bit (default) - You can select the WEP key length for encryption, 64-bit or 128-bit. Larger WEP key length will provide higher level of security, but the throughput will be lower.

Key Format - You may select to select ASCII Characters (alphanumeric format) or Hexadecimal Digits (in the "A-F", "a-f" and "0-9" range) to be the WEP Key. (For example: **ASCII Characters**: guest; **Hexadecimal Digits**: 12345abcde)

Default Key - Select one of the four keys to encrypt your data. Only the key you select in the "**Default key**" will take effect. **Key 1 - Key 4** - The WEP keys are used to encrypt data transmitted in the wireless network. Fill the text box by following the rules below.
64-bit WEP: input 10-digit Hex values (in the "A-F", "a-f" and "0-9" range) or 5-digit ASCII character as the encryption keys.
128-bit WEP: input 26-digit Hex values (in the "A-F", "a-f" and "0-9" range) or 13-digit ASCII characters as the encryption keys.

WPA Pre-shared key
Wi-Fi Protected Access (WPA) is an advanced security standard. You can use a pre-shared key to authenticate wireless stations and encrypt data during communication. It uses TKIP or CCMP(AES) to change the encryption key frequently. So the encryption key is not easy to be broken by hackers.

This can improve security very much.



WPA (TKIP) - TKIP can change the encryption key frequently to enhance the wireless LAN security.

WPA2 (AES) - This use CCMP protocol to change encryption key frequently. AES can provide high level encryption to enhance the wireless LAN security.

WPA2 Mixed - This will use TKIP or AES based on the other communication peer automatically.

Pre-shared Key Format - You may select to select Passphrase (alphanumeric format) or Hexadecimal Digits (in the “A-F”, “a-f” and “0-9” range) to be the Pre-shared Key. For example: **Passphrase**: iamguest; **Hexadecimal Digits**: 12345abcde

Pre-shared Key - The Pre-shared key is used to authenticate and encrypt data transmitted in the wireless network. Fill the text box by following the rules below.
Hex WEP: input 64-digit Hex values (in the “A-F”, “a-f” and “0-9” range) or at least 8 character pass phrase as the pre-shared keys.

4.6.3 Setup Port Forwarding

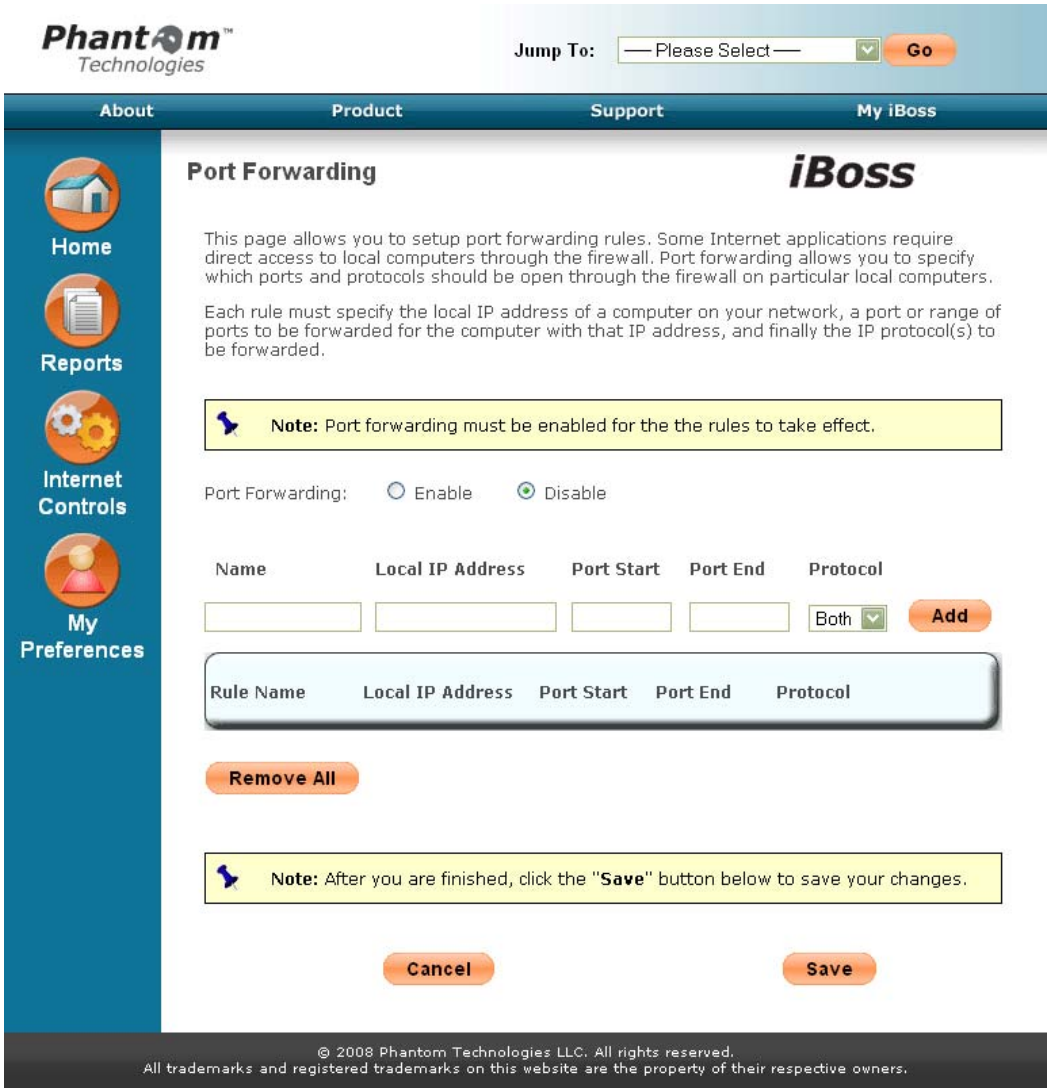

Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Port Forwarding
iBoss
This page allows you to setup port forwarding rules. Some Internet applications require direct access to local computers through the firewall. Port forwarding allows you to specify which ports and protocols should be open through the firewall on particular local computers.
Each rule must specify the local IP address of a computer on your network, a port or range of ports to be forwarded for the computer with that IP address, and finally the IP protocol(s) to be forwarded.
Note: Port forwarding must be enabled for the the rules to take effect.
Port Forwarding:
Enable
Disable
Name
Local IP Address
Port Start
Port End
Protocol
Both
Add
Rule Name
Local IP Address
Port Start
Port End
Protocol
Remove All
Note: After you are finished, click the "Save" button below to save your changes.
Cancel
Save
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Figure 43 - Setup Port Forwarding

The iBoss™ Pro has a port forwarding feature that will enable you to open ports to a local IP address. You can have different services (e.g. email, FTP, Web etc.) going to different service servers/clients in your LAN. The Port Forwarding allows you to re-direct a particular range of service port numbers (from the Internet/WAN Ports) to a particular LAN IP address. Since the iBoss™ Pro can act as your firewall/router, you are able to set port forwarding rules to allow outside access to your network on a specified port range. It will help you to host some servers behind the iBoss™ Pro's NAT firewall.
You may set whether to disable or enable your port forwarding rules. The fields are
Name - The description of the port forwarding setting.
Local IP address - This is the private IP of the server behind the NAT firewall. You need to give your LAN PC clients a fixed/static IP address for Port Forwarding to work properly
Port Start / Port End - The range of ports to be forwarded to the private IP.
Protocol - This is the protocol type to be forwarded. You can choose to forward "**TCP**" or "**UDP**" packets only or select "**Both**" to forward both "**TCP**" and "**UDP**" packets.
Enter in the port forwarding rules which you would like to add and click the "**Add**" button.
Click "**Don**e" when finished.

4.6.4 Add Additional Local Subnets

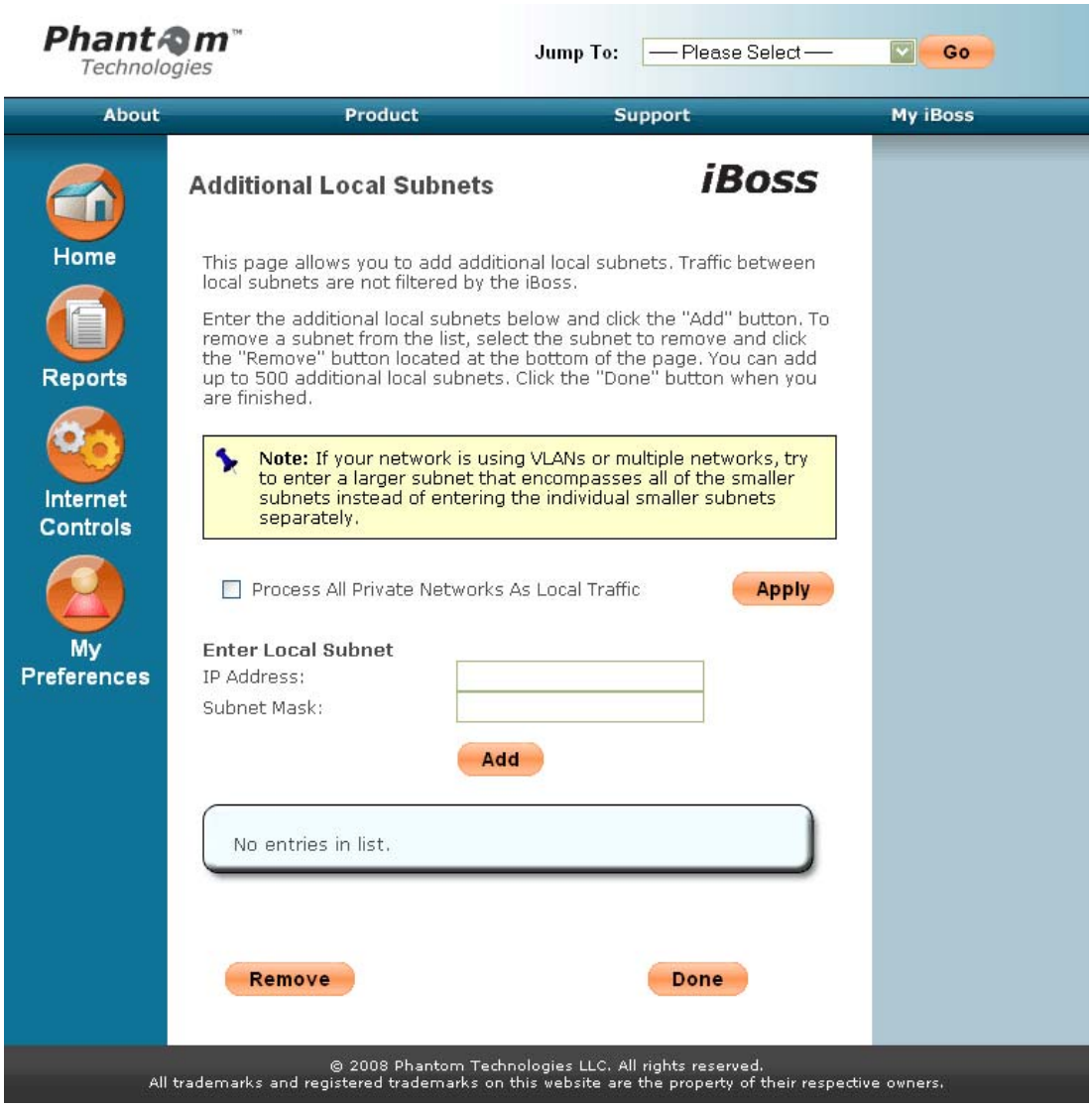
Phantom Technologies
Jump To:
— Please Select —
Go
About
Product
Support
My iBoss
Home
Reports
Internet Controls
My Preferences
Additional Local Subnets
iBoss
This page allows you to add additional local subnets. Traffic between local subnets are not filtered by the iBoss.
Enter the additional local subnets below and click the "Add" button. To remove a subnet from the list, select the subnet to remove and click the "Remove" button located at the bottom of the page. You can add up to 500 additional local subnets. Click the "Done" button when you are finished.
Note: If your network is using VLANs or multiple networks, try to enter a larger subnet that encompasses all of the smaller subnets instead of entering the individual smaller subnets separately.
Process All Private Networks As Local Traffic
Apply
Enter Local Subnet
IP Address:
Subnet Mask:
Add
No entries in list.
Remove
Done
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Figure 44 - Add Additional Local Subnets

This page allows you to add additional local subnets. Traffic between local subnets is not filtered by the iBoss.

Enter the additional local subnets below and click the "Add" button. To remove a subnet from the list, select the subnet to remove and click the "Remove" button located at the bottom of the page. You can add up to 500 additional local subnets. Click the "Done" button when you are finished.

Note: If your network is using VLANs or multiple networks, try to enter a larger subnet that encompasses all of the smaller subnets instead of entering the individual smaller subnets separately.

4.6.5 Edit Advanced Settings

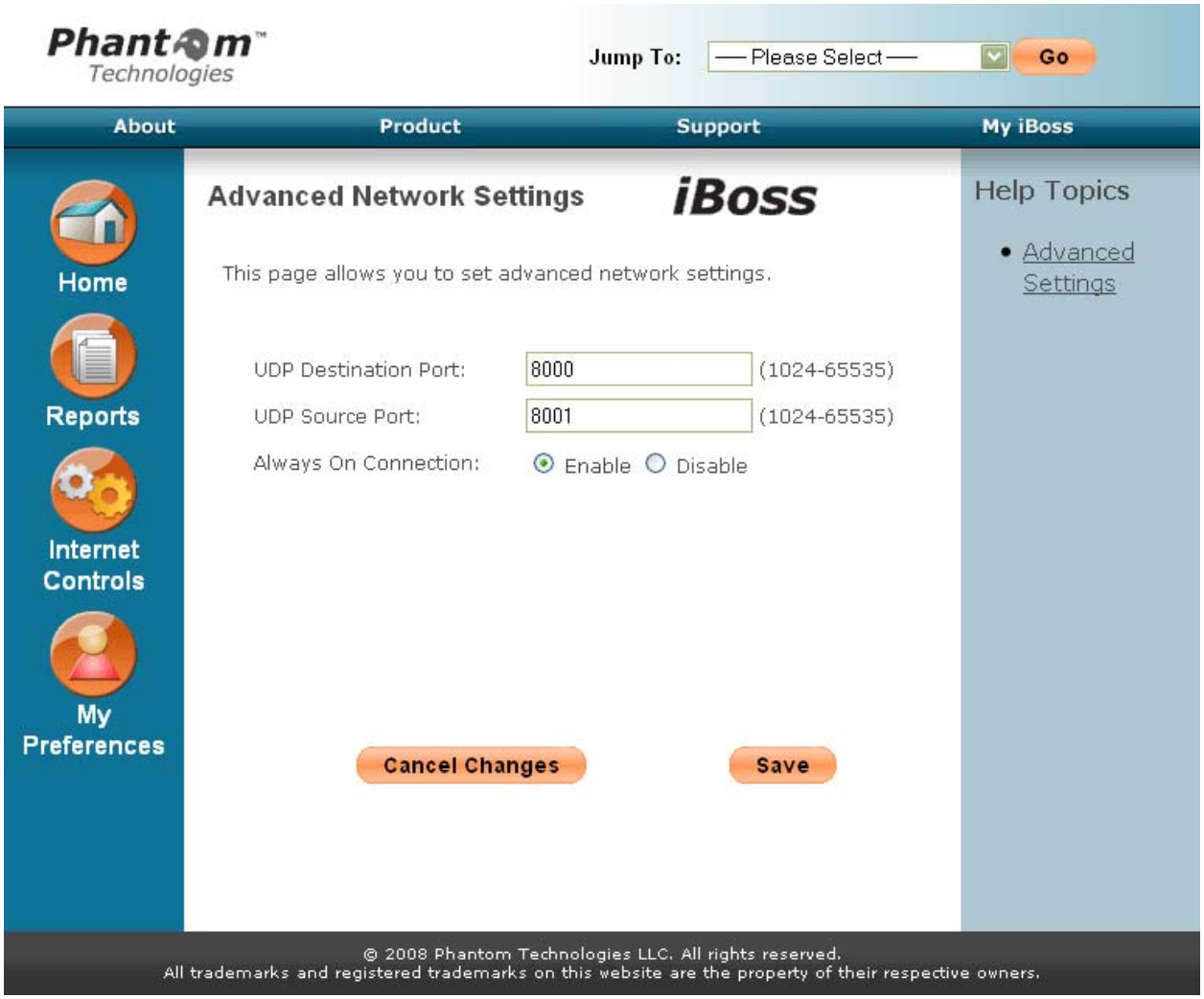

Figure 45 - Advanced Network Settings

The iBoss™ Pro connects to the Phantom servers via UDP. You may select which ports it connects through. The default destination port is 8000 and default source port is 8001.

Always On Connection - This option allows you to still have Internet access even if it loses connection with our servers. This function will work after the first time that it has established a connection.

4.7 Firmware Updates

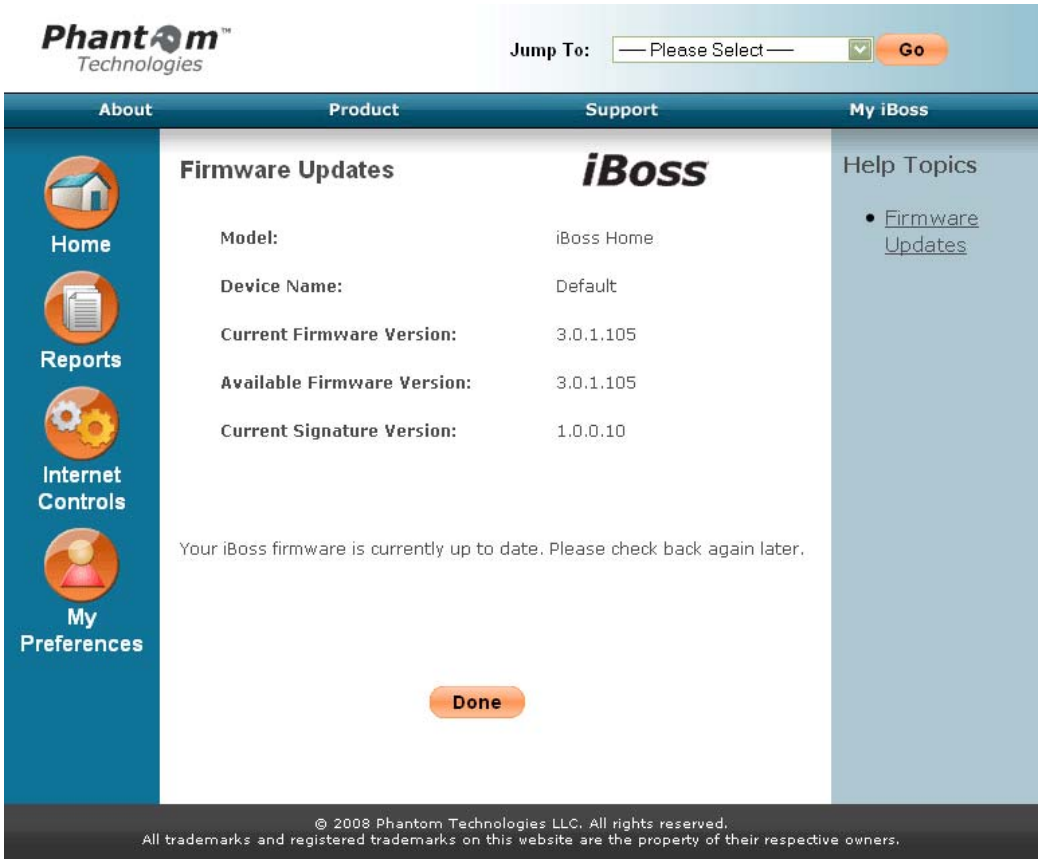

Figure 46 - Firmware Updates

Firmware updates may be available from time to time. These updates include feature enhancements. The updates are downloaded over the Internet directly into the device. Firmware updates include feature enhancements only and are not related to the iBoss Internet filtering functionality. The iBoss will always be up-to-date with the latest web category URLs and online application definitions used with filtering rules. You must have an active subscription and a live Internet connection in order to download firmware updates.

Model - Indicates the model of your iBoss device.
Device Name - Indicates the name given to the iBoss.
Current Firmware Version - Indicates the firmware version installed on your iBoss.
Available Firmware Version - Indicates the latest firmware version available for download. If this version number matches the number in the "Current Version" field, then your iBoss firmware is up to date.
Current Signature Version - Indicates the signature version installed on your iBoss
Export Settings File - This option allows you to export the iBoss settings to a log file.
Download / Install - The "Download/Install" button will appear when new firmware is available. Click this button to begin downloading and installing the new firmware. The "Install" button will appear when new firmware has been downloaded and is ready to install. Click this button to begin installing the new firmware. Once this process begins, do not power down the iBoss until installation is complete. When the installation is complete, you will be redirected back to the iBoss Pro home page.
Download Progress - Indicates the download progress of the firmware updates.

5 SUBSCRIPTION MANAGEMENT

The iBoss requires an active subscription to function. The unit may already be pre-activated when you receive it, or you may need to obtain and/or activate a subscription key and register the active subscription key with your iBoss.

To view and manage your subscription information, login to the iBoss interface home page and click the "**Manage Subscription**" button.

Figure 47 - Manage Subscription

This page will allow you to view your current subscription status. The following are values that may appear in the "**Status**" field:

Active – The iBoss has an active subscription.
Must Activate – An active subscription key has not been registered with the iBoss.
Not Available – The iBoss is not connected to the Internet.
Expired – The iBoss subscription has expired and is no longer active.
Cancelled – The iBoss subscription has been cancelled and is no longer active.

5.1 Adding a Subscription Key

The iBoss needs an active Subscription Key entered into the device before it can start functioning.

1. Confirm that your Subscription Key has been activated.
2. Enter the active Subscription Key for the iBoss.
· Log into your iBoss and click on "**Manage Subscription**" button on the main page. (Please refer to the User Interface section on how to log into the iBoss)
· Enter in the active Subscription Key in the boxes provided.

Figure 48 - Enter Subscription Key

· Click on "**Apply**" and "**Confirm**" on the next page.
3. If you do not have a Subscription Key, you may press the "**Purchase Subscription Key Now**" button to purchase one. This will guide you through the process of activating and registering your Subscription Key with your iBoss.

6 TROUBLESHOOTING

6.1 Password Recovery

In the event that the iBoss administration password becomes lost, there is a way by which it can be recovered. If you checked the "**Password Recovery**" option on the iBoss when the password was initially setup, you will be prompted to have the password E-mailed to you upon a failed login attempt. Follow the link provided on the login page to have your password E-mailed to the address specified during the "**Password Recovery**" setup.
If you did not enable the password recovery option, you can contact the Phantom Technologies support department to have the password E-mailed to a specific address. Note that you will be prompted for account authentication information before a password recovery request is fulfilled.

The password may be reset by performing a factory reset on the iBoss, however this action is typically reserved as a last resort due to the fact that ALL of your settings will be erased back to factory defaults.

6.2 Resetting to Factory Defaults

The iBoss can be reset back to factory default settings through two different methods. After performing the factory reset, all of the iBoss settings will be set back to default values (including Internet connection, Internet filtering and password settings.

Note: The tamper log cannot be erased by a factory reset. This is by design for security reasons.

6.2.1 Through the iBoss User Interface

- Login to iBoss Interface (http://myiboss.com).
- From the "**Home**" page, go to "**My Preferences**" and "**System Settings**".
- Click the "**Restore Factory Defaults**" button. You will be prompted to confirm before continuing.

6.2.2 Using the Reset Button on the back of device

- Power down and power on the unit. Once the PWR light is solid, hold the Reset button for 15 seconds until the light starts blinking (this has to be done in the first 30 seconds of when the PWR goes solid). Wait 3 minutes after you release the reset button.

6.3 Technical Support

Phantom Technologies LLC prides itself on supporting our products and services. Please use the information below if you are in need of assistance.

Website Support: http://support.iphantom.com
Telephone Support: 1.877.PHANTECH (742.6832)
E-mail Support: support@iPhantom.com

7 APPENDIX

7.1 Warranty Information

For warranty information please visit:
https://www.iBossWebFilters.com/warranty.html

BY PROCEEDING TO USE THE PRODUCTS AND SERVICES PROVIDED BY PHANTOM TECHNOLOGIES LLC, YOU ACKNOWLEDGE YOUR AGREEMENT TO BE BOUND BY THE FOLLOWING TERMS AND CONDITIONS AVAILABLE AT:
http://www.iBossWebFilters.com/productAndServiceAgreement.html

IF YOU DO NOT AGREE WITH THESE TERMS AND CONDITIONS, YOU MAY NOT USE THE PRODUCTS AND SERVICES PROVIDED BY PHANTOM TECHNOLOGIES LLC.

For the latest news, features, documentation and other information regarding the iBoss please visit:
http://www.iBossWebFilters.com

8 GLOSSARY

Default Gateway: Every non-router IP device needs to configure a default gateway's IP address. When the device sends out an IP packet, if the destination is not on the same network, the device has to send the packet to its default gateway, which will then send it out towards the destination.

DHCP: Dynamic Host Configuration Protocol. This protocol automatically gives every computer on your home network an IP address.

DNS Server IP Address: DNS stands for Domain Name System, which allows Internet servers to have a domain name (such as www.iPhantom.com) and one or more IP addresses (such as 208.70.74.14). A DNS server keeps a database of Internet servers and their respective domain names and IP addresses, so that when a domain name is requested (as in typing "iphantom.com" into your Internet browser), the user is sent to the proper IP address. The DNS server IP address used by the computers on your home network is the location of the DNS server your ISP has assigned to you.

DSL Modem: DSL stands for Digital Subscriber Line. A DSL modem uses your existing phone lines to transmit data at high speeds.

Ethernet: A standard for computer networks. Ethernet networks are connected by special cables and hubs, and move data around at up to 10/100 million bits per second (Mbps).

IP Address and Network (Subnet) Mask: IP stands for Internet Protocol. An IP address consists of a series of four numbers separated by periods that identifies a single, unique Internet computer host in an IP network. Example: 192.168.2.1. It consists of 2 portions: the IP network address, and the host identifier. The IP address is a 32-bit binary pattern, which can be represented as four cascaded decimal numbers separated by ".": aaa.aaa.aaa.aaa, where each "aaa" can be anything from 000 to 255, or as four cascaded binary numbers separated by ".": bbbbbbbb.bbbbbbbb.bbbbbbbb.bbbbbbbb, where each "b" can either be 0 or 1. A network mask is also a 32-bit binary pattern, and consists of consecutive leading 1's followed by consecutive trailing 0's, such as 11111111.11111111.11111111.00000000. Therefore sometimes a network mask can also be described simply as "x" number of leading 1's. When both are represented side by side in their binary forms, all bits in the IP address that correspond to 1's in the network mask become part of the IP network address, and the remaining bits correspond to the host ID. For example, if the IP address for a device is, in its binary form, 11011001.10110000.10010000.00000111, and if its network mask is, 11111111.11111111.11110000.00000000, it means the device's network address is 11011001.10110000.10010000.00000000, and its host ID is, 00000000.00000000.00000000.00000111. This is a convenient and efficient method for routers to route IP packets to their destination.

ISP: Internet Service Provider. An ISP is a business that provides connectivity to the Internet for individuals and other businesses or organizations.

Web-based management Graphical User Interface (GUI): Many devices support a graphical user interface that is based on the web browser. This means the user can use the familiar Netscape or Microsoft Internet Explorer to Control/configure or monitor the device being managed.

9 REGULATORY STATEMENT

FCC
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC rules.

CE
This equipment has been tested and found to comply with the limits of the European Council Directive on the approximation of the law of the member states relating to electromagnetic compatibility (89/336/EEC) according to EN 55022 Class B.

FCC and CE Compliance Statement
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

Safety
This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment.